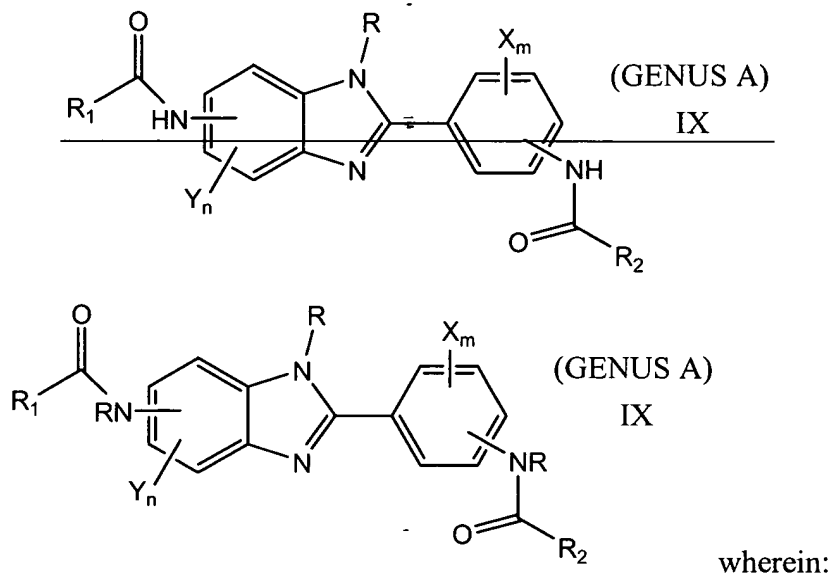


### AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for the treatment of cancer comprising administration of a formulation comprising at least one compound of a pharmaceutical composition of the formulae:



X and Y may be different or the same and are independently selected from the group consisting of H, halogen, alkyl, alkoxy, aryl, substituted aryl, hydroxy, amino, alkylamino, cycloalkyl, morpholine, thiomorpholine, nitro, cyano, CF<sub>3</sub>, OCF<sub>3</sub>, COR<sub>1</sub>, COOR<sub>1</sub>, CONH<sub>2</sub>, CONHR<sub>1</sub>, and NHCOR<sub>1</sub>;

n is an integer from one to three;

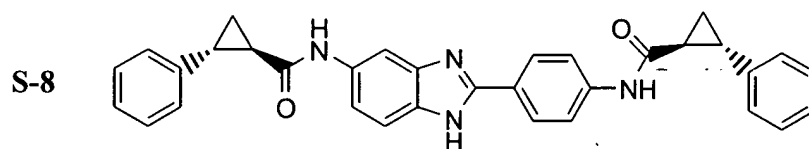
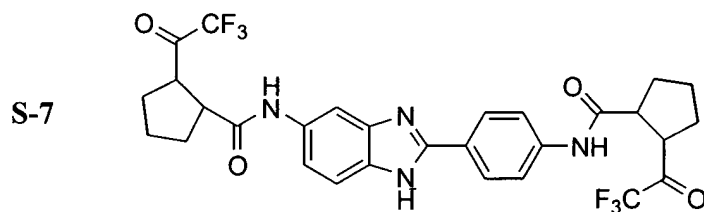
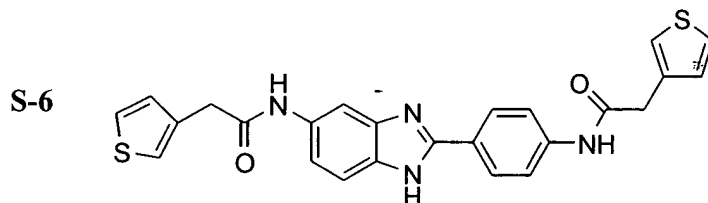
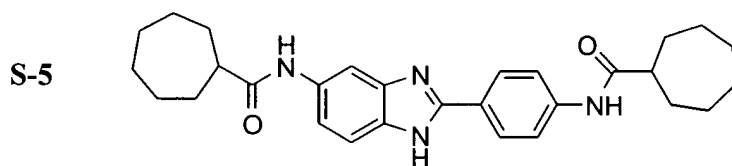
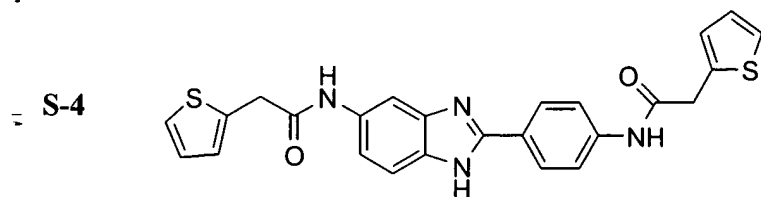
m is an integer from one to four;

R is selected from the group consisting of H, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, C<sub>3</sub>H<sub>7</sub>, C<sub>4</sub>H<sub>9</sub>, CH<sub>2</sub>Ph, CH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>-F(p-), COCH<sub>3</sub>, COCH<sub>3</sub>, COOCH<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>, and CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>; and

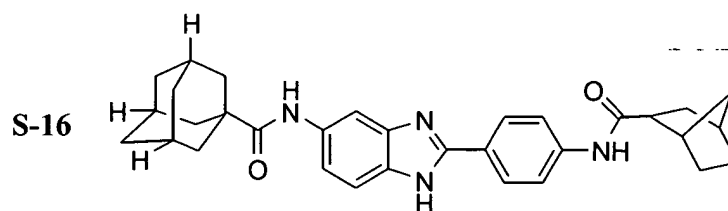
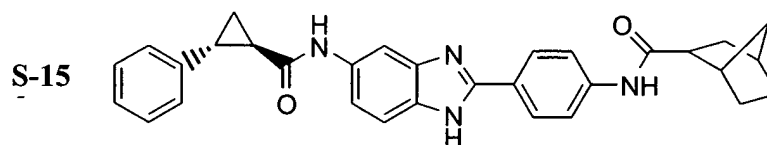
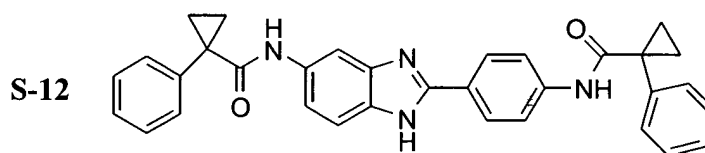
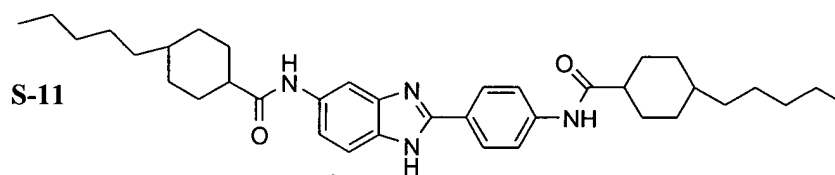
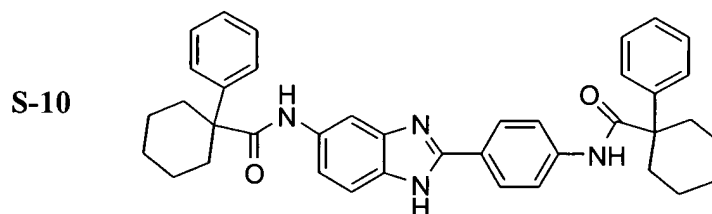
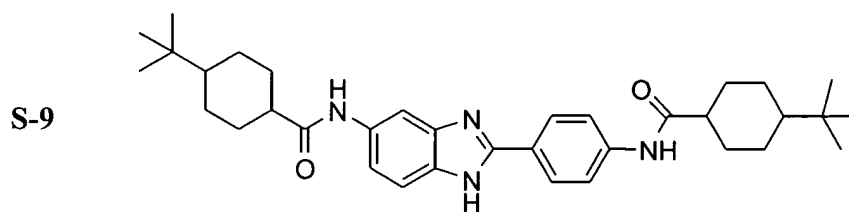
R<sub>1</sub> and R<sub>2</sub> are independently selected from the group consisting of H, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, polycycloalkyl, substituted polycycloalkyl, polycycloalkenyl, substituted polycycloalkenyl, arylalkyl, substituted arylalkyl, heteroarylalkyl, substituted heteroarylalkyl, arylcycloalkyl, substituted arylcycloalkyl, heteroarylalkyl, substituted heteroarylalkyl, heterocyclic ring, substituted heterocyclic ring, heteroatom, and substituted heteroatom.

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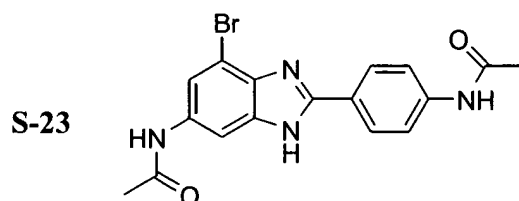
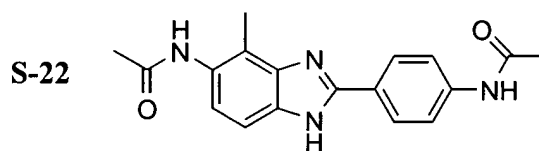
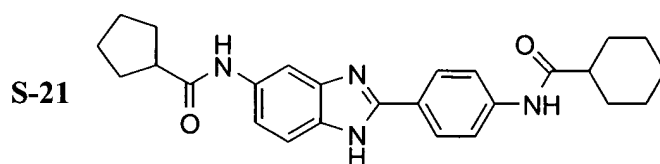
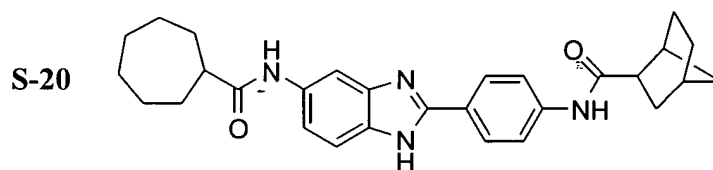
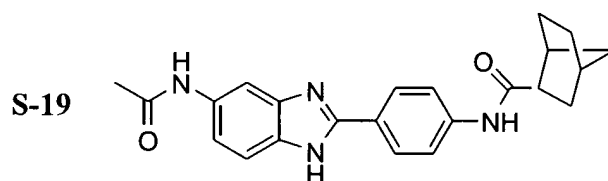
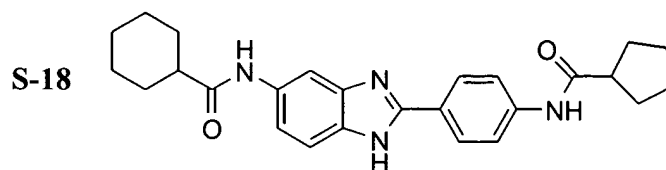
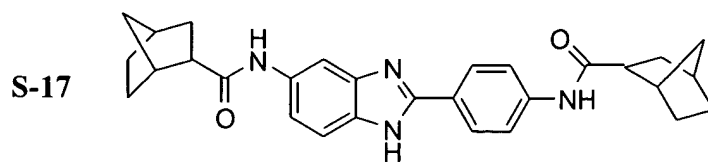
2. (Currently amended) The method of Claim 1, wherein method for the treatment of cancer comprises administering a formulation comprising at least one compound selected from the group consisting of



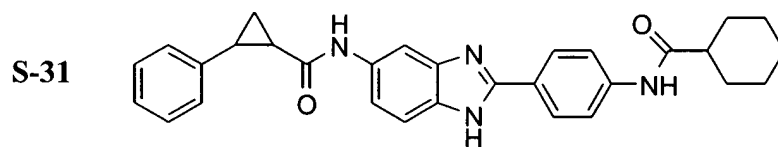
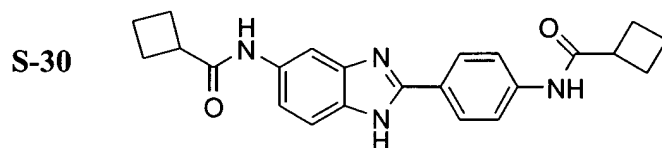
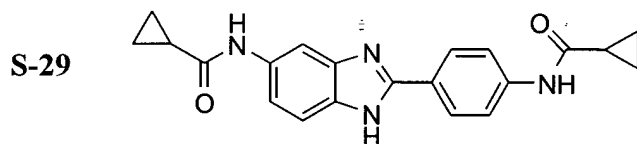
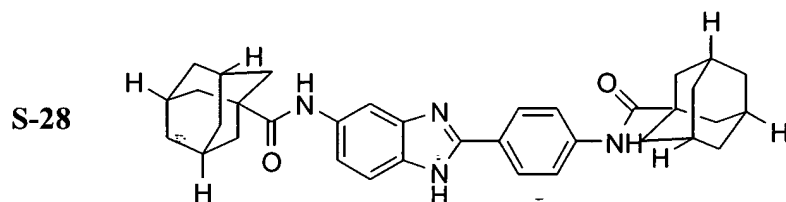
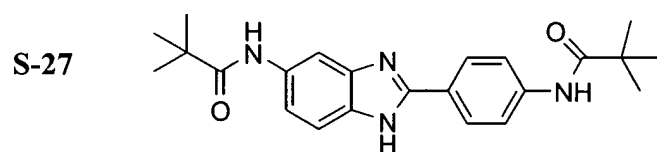
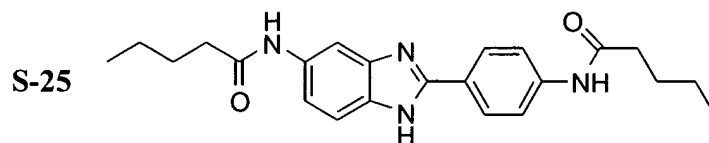
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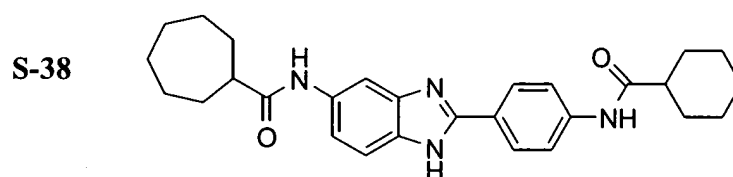
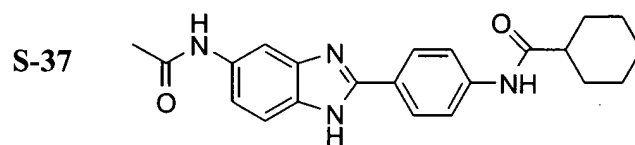
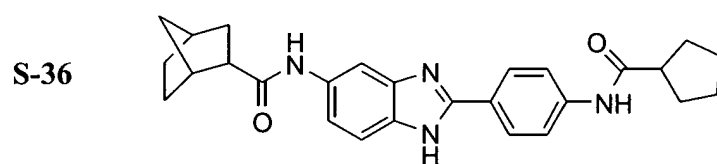
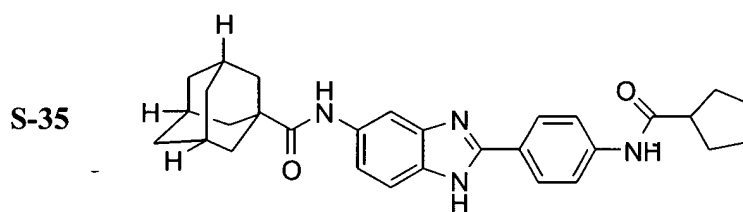
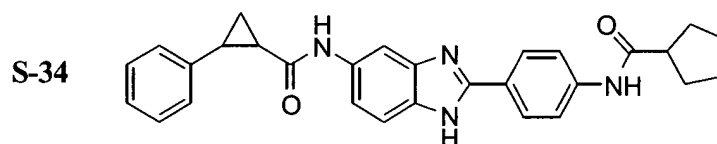
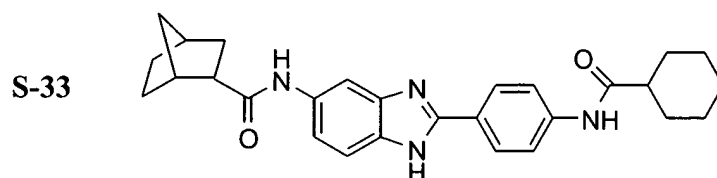
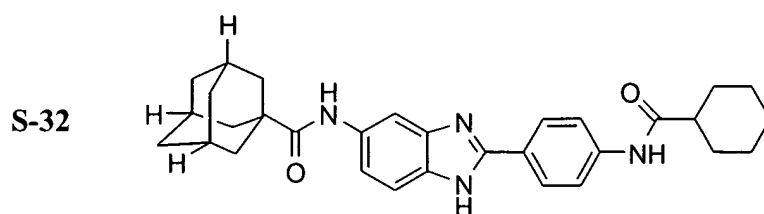


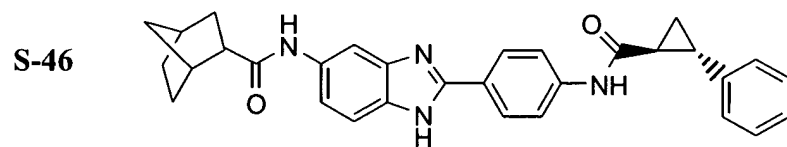
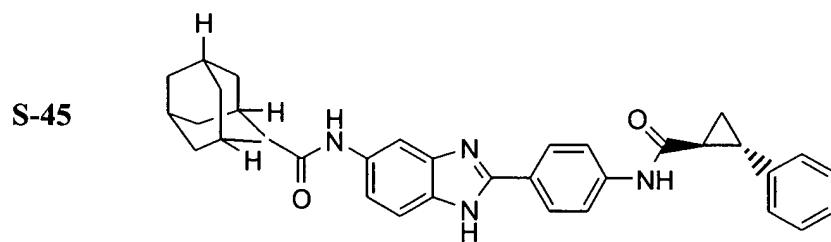
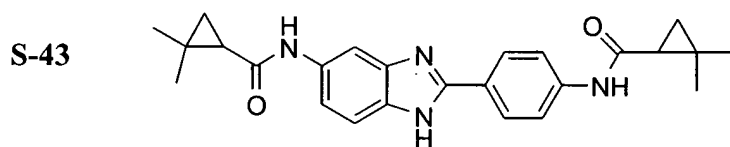
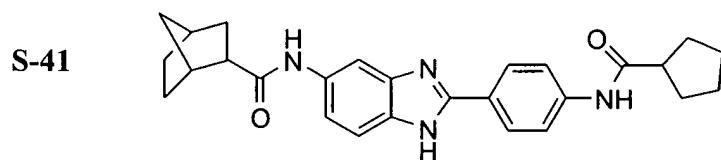
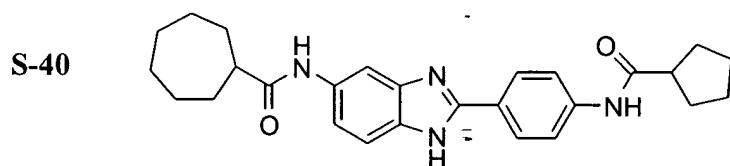
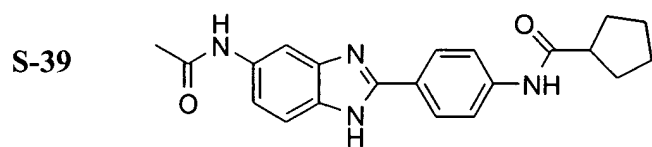
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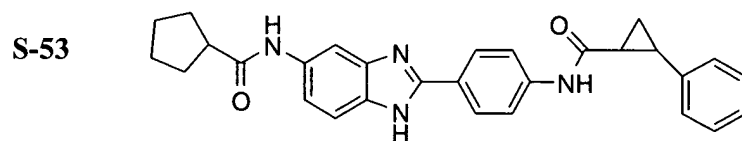
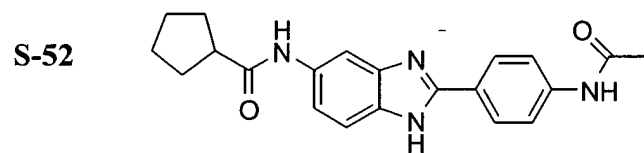
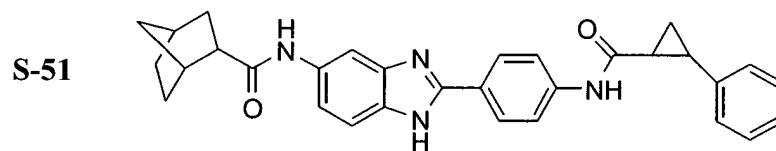
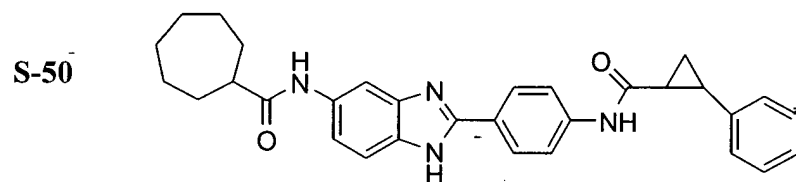
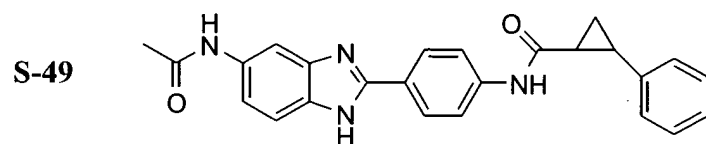
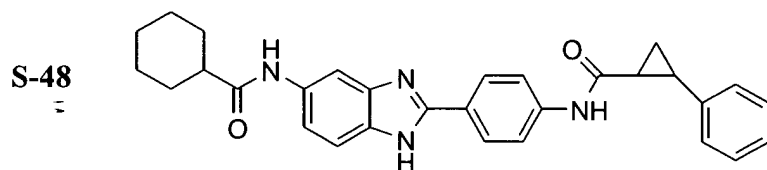
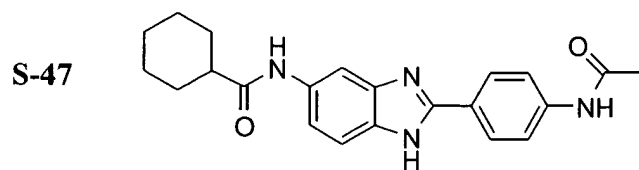






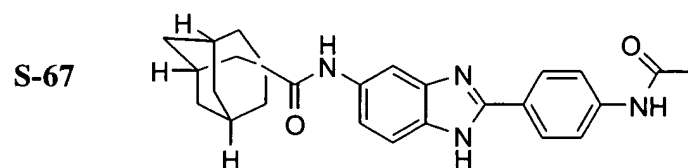
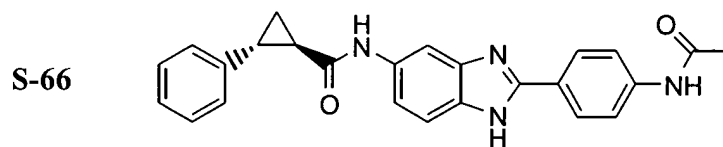
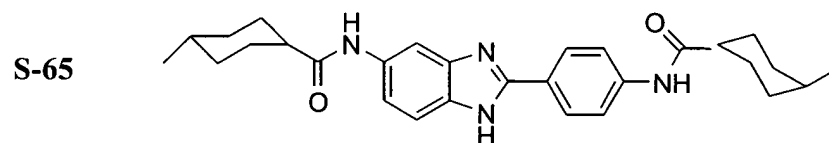
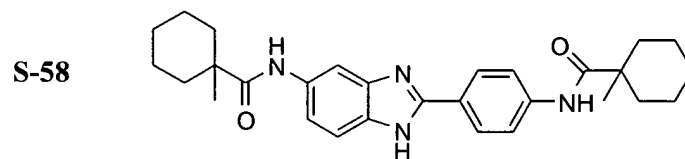
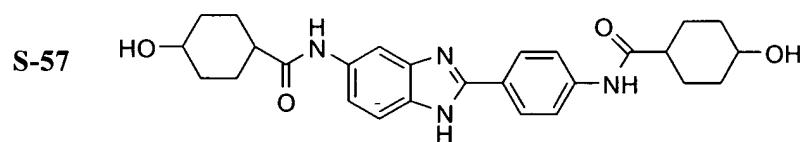
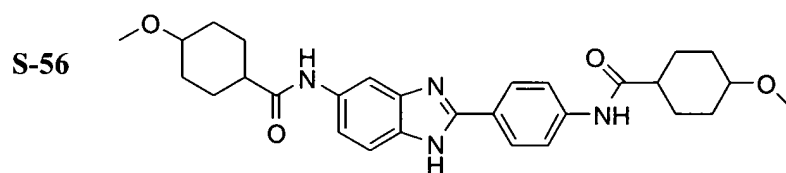
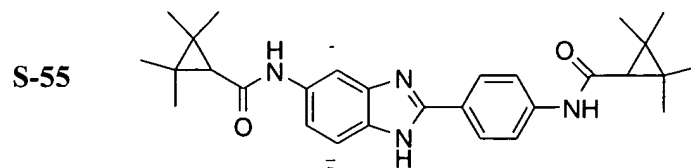
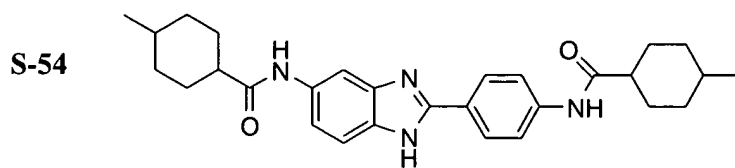
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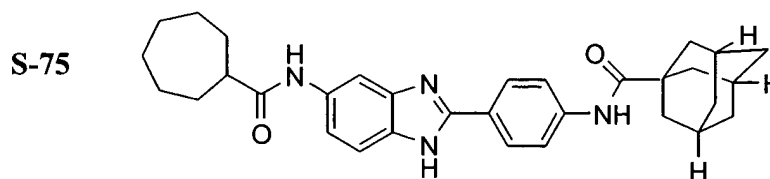
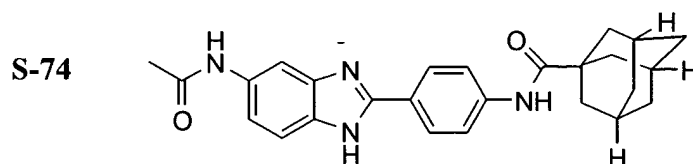
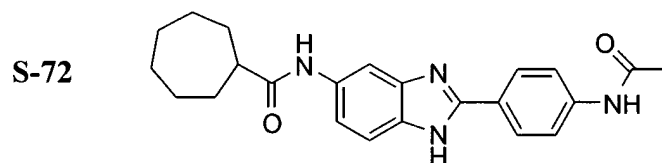
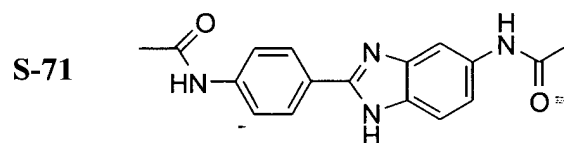
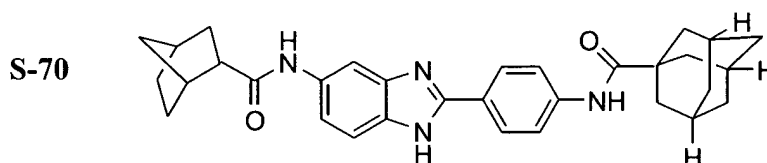
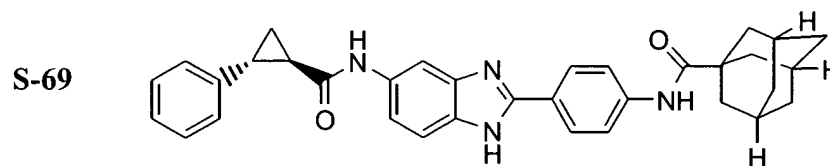
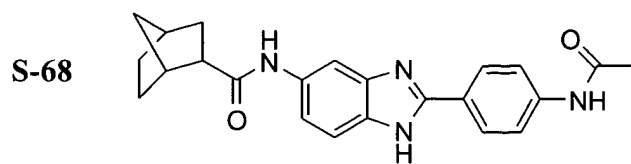


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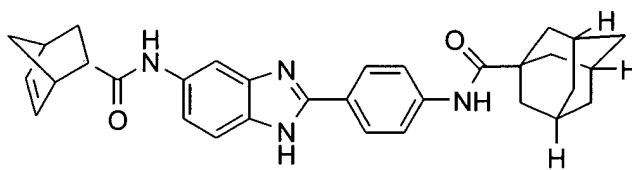
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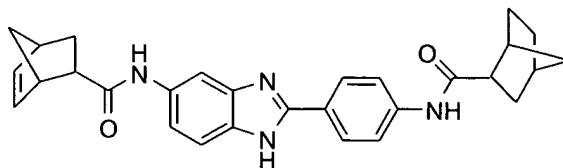
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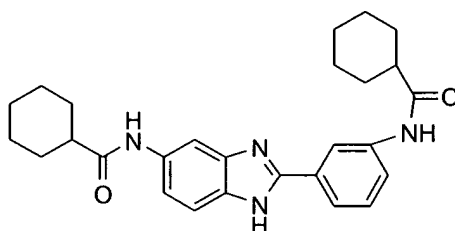
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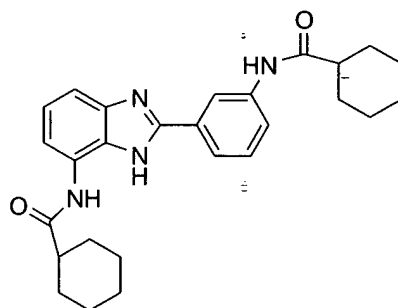
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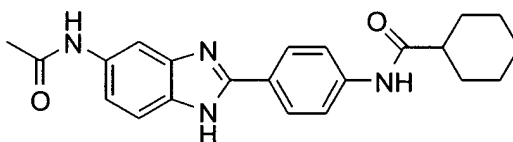
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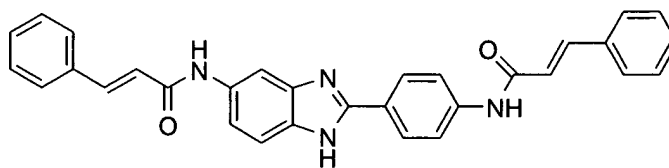
S-81



S-82

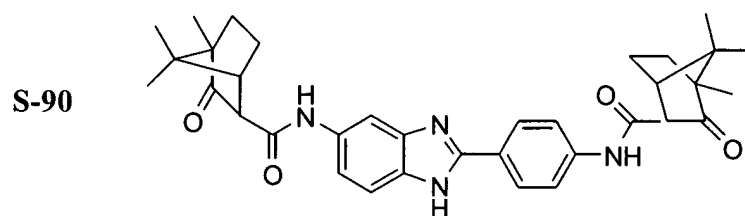
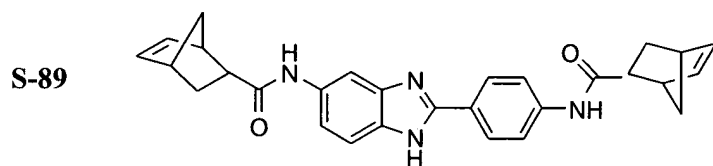
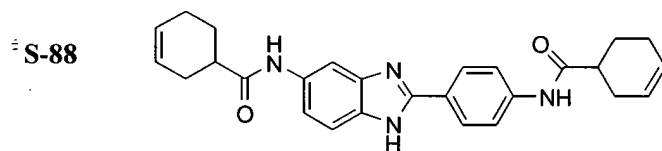
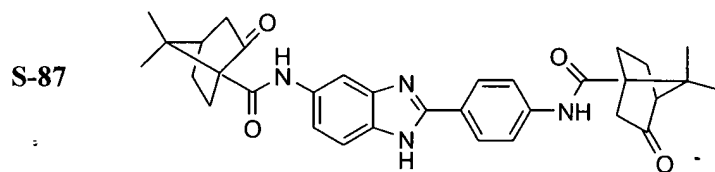
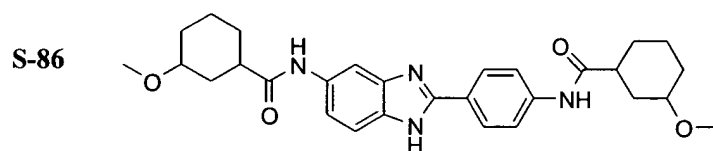
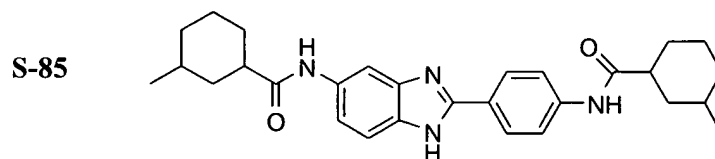
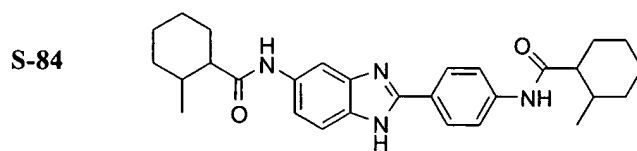


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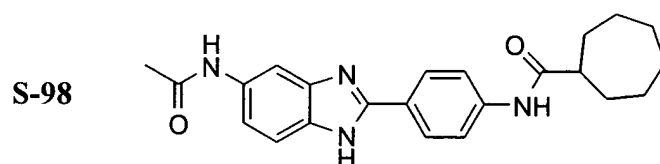
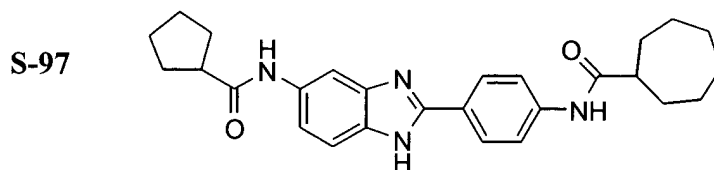
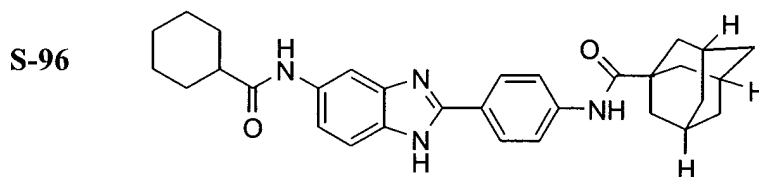
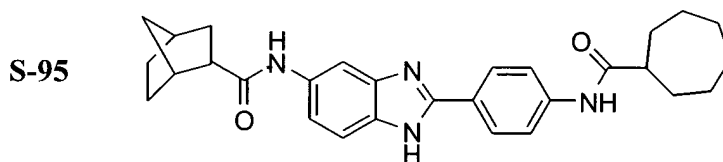
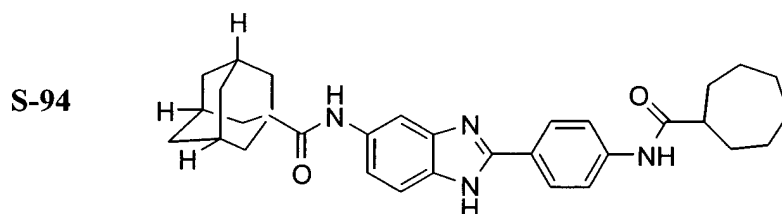
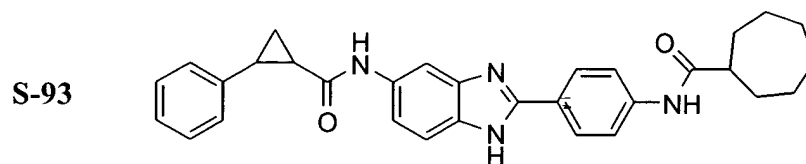
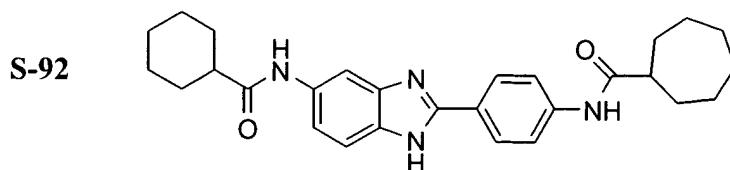


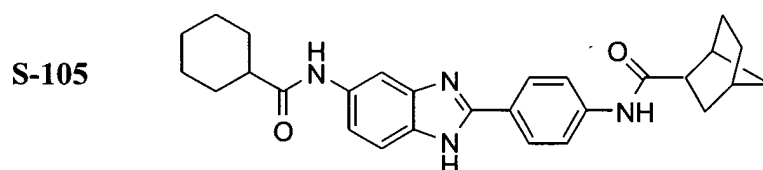
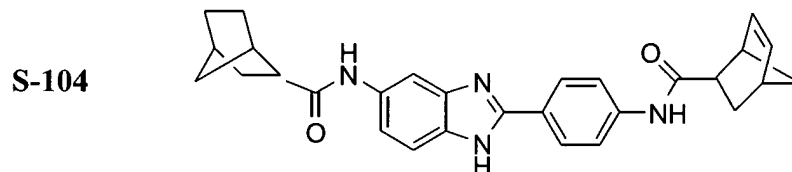
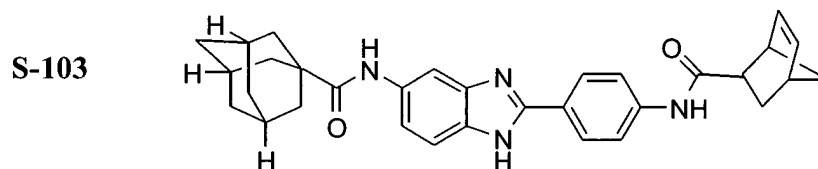
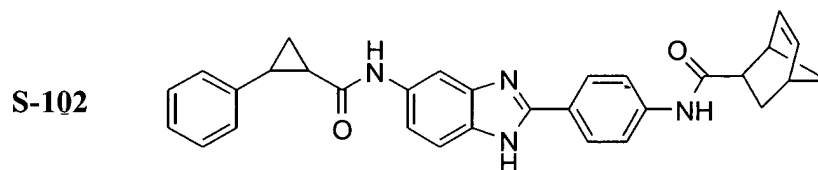
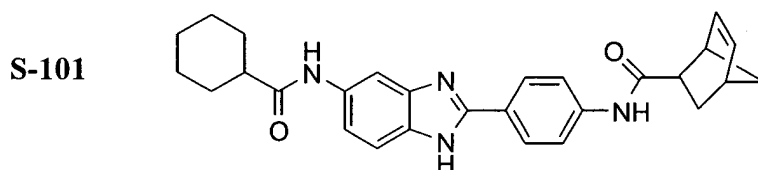
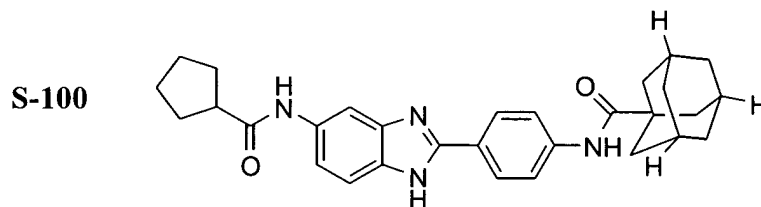
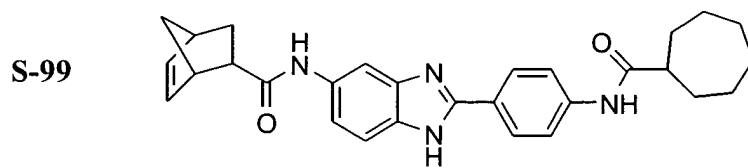
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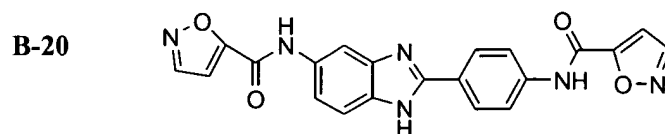
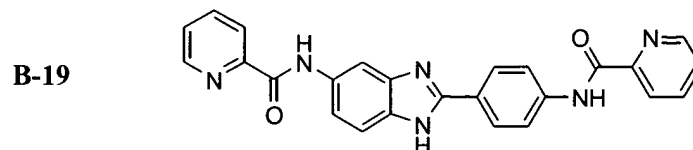
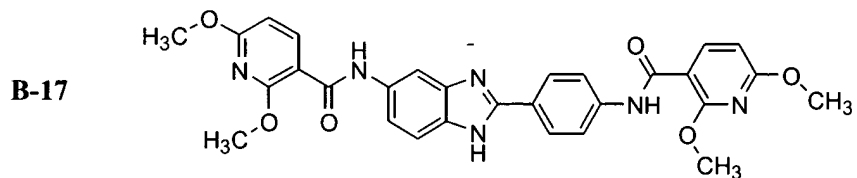
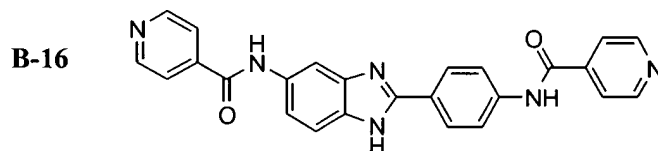
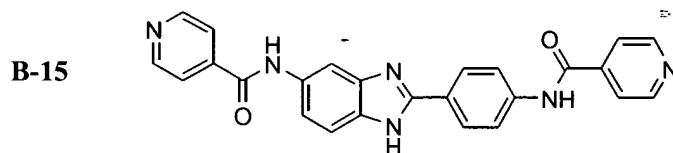
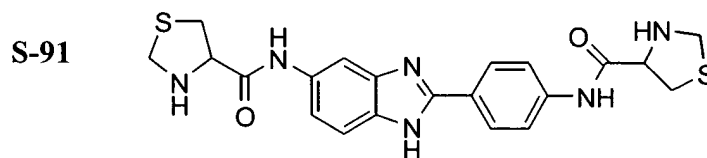
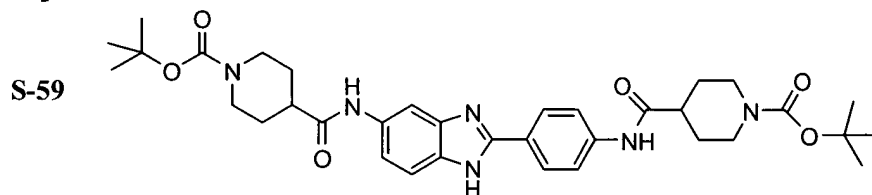
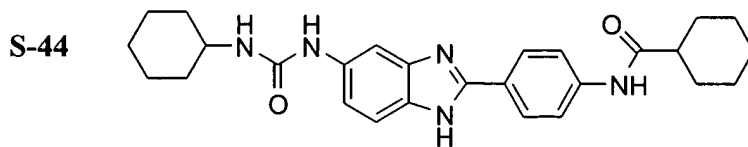
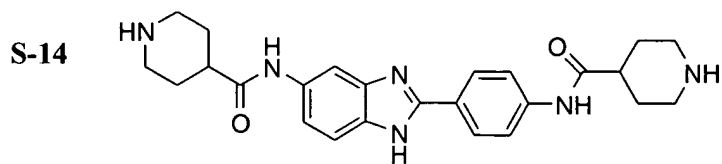
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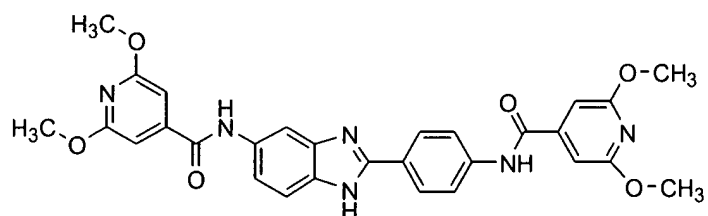




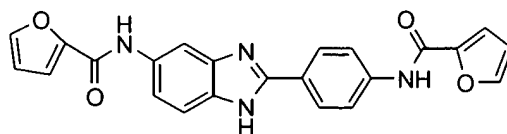
Int'l Appl. No. : PCT/US03/06981

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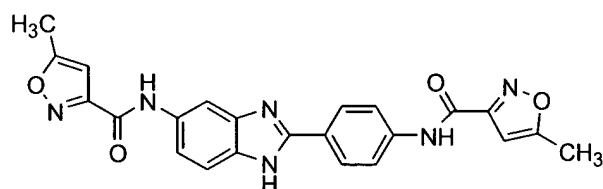
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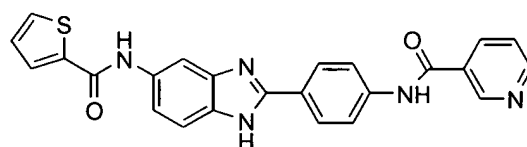
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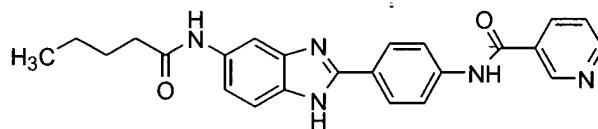
B-28



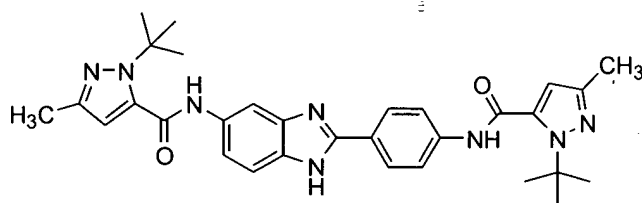
B-46



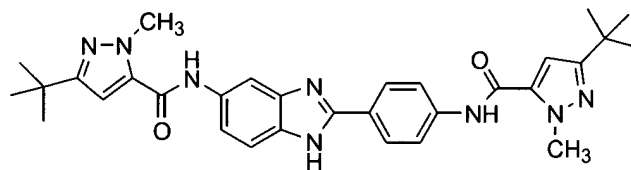
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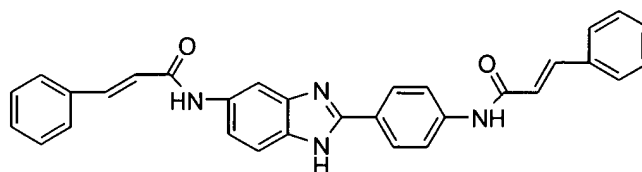
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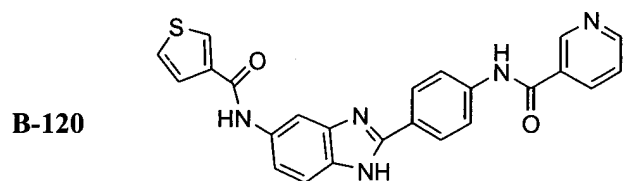
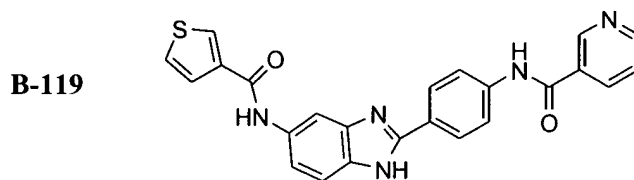
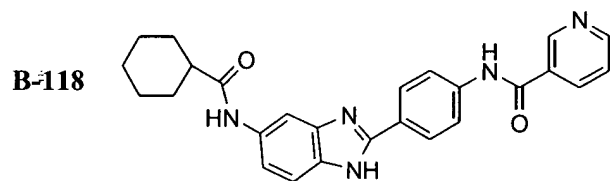
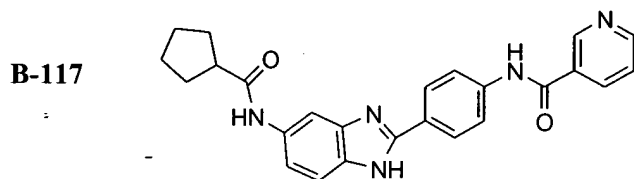
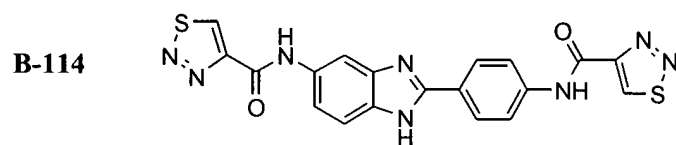
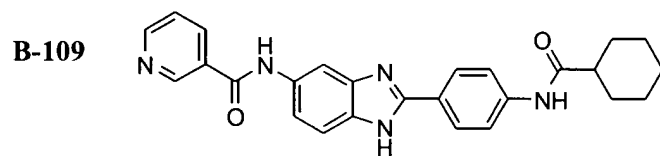
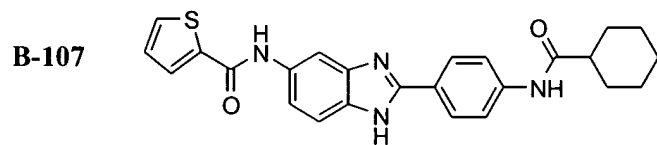
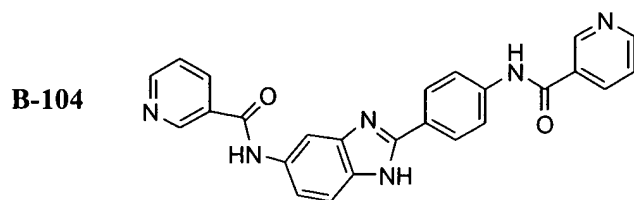


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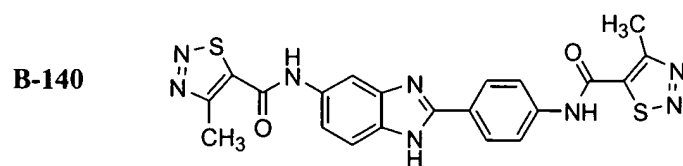
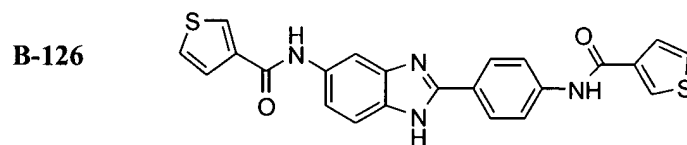
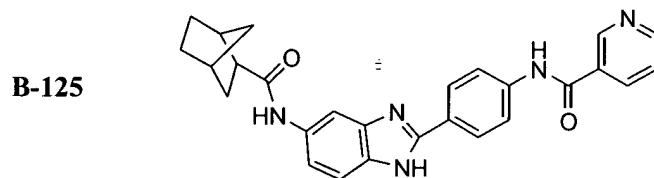
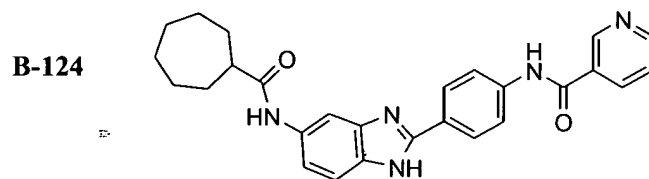
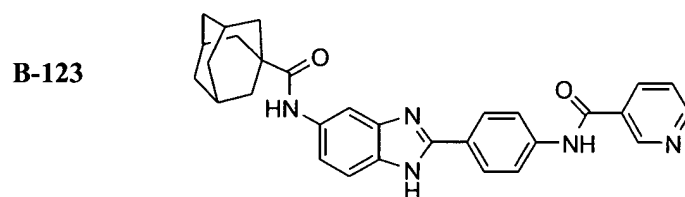
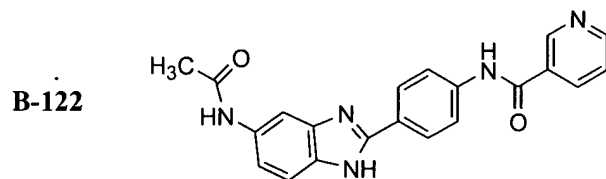
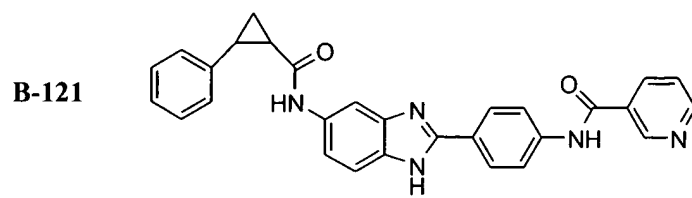


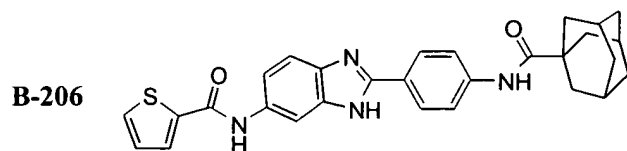
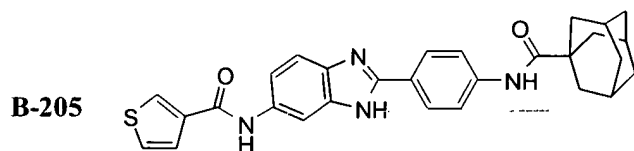
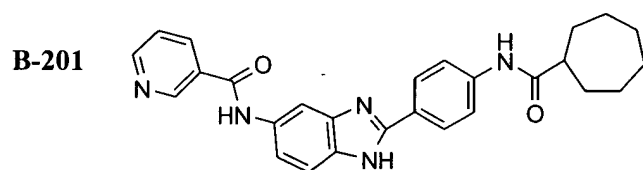
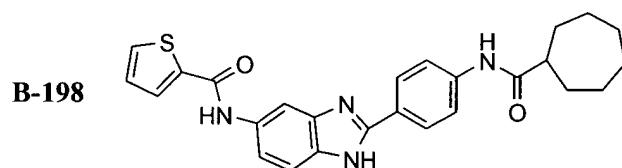
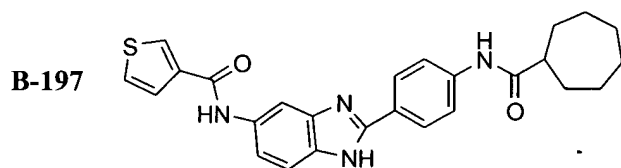
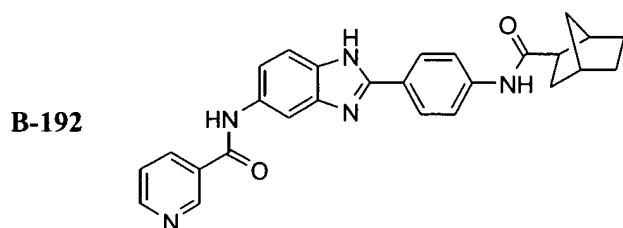
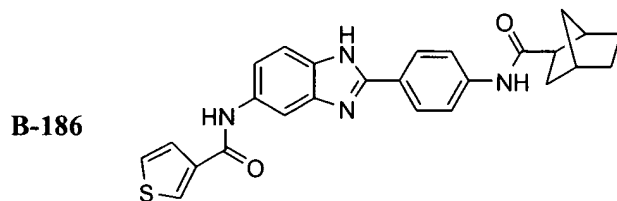
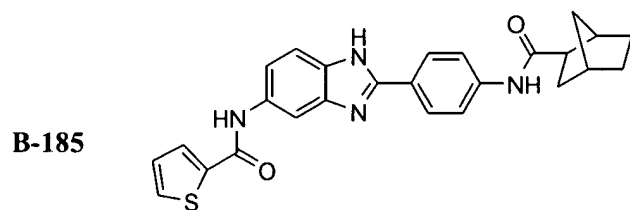
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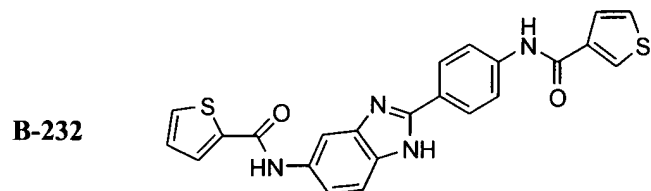
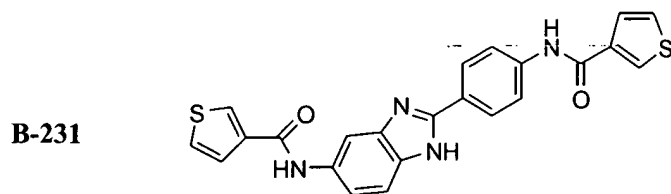
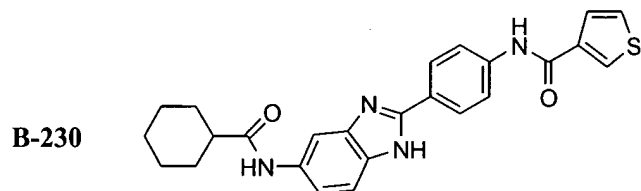
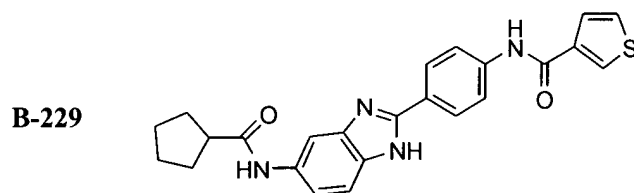
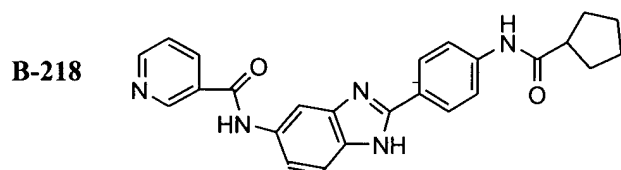
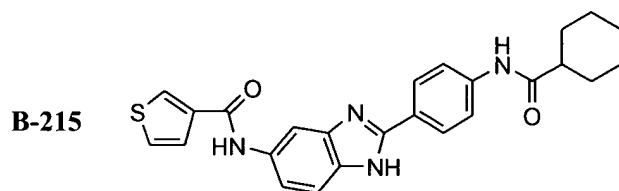
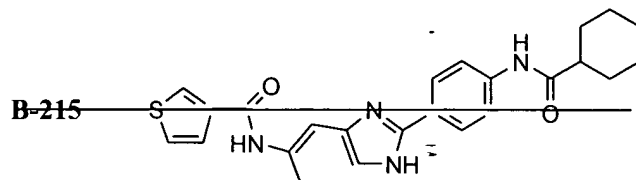
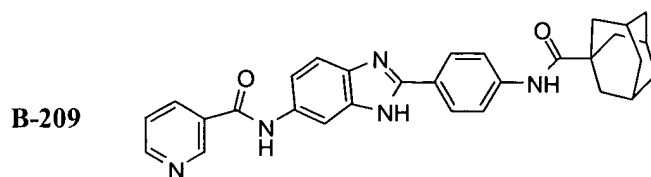


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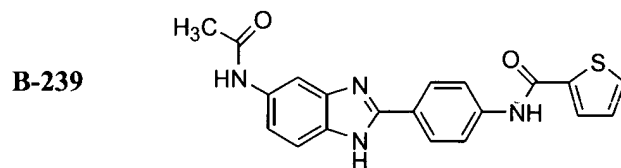
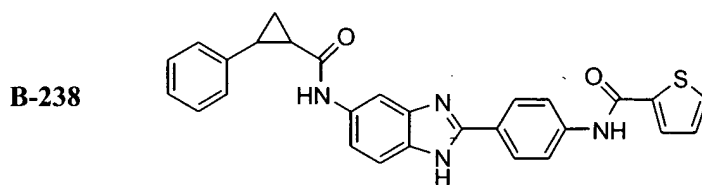
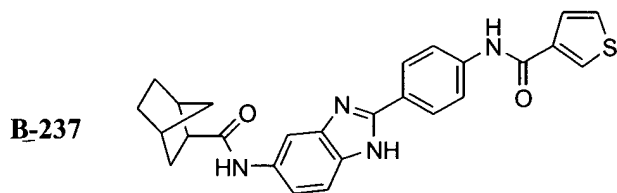
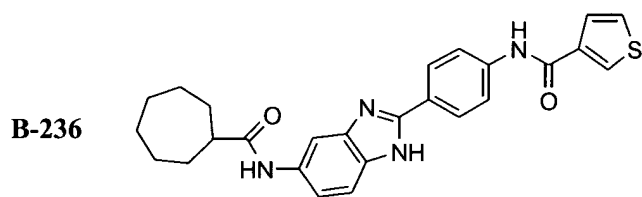
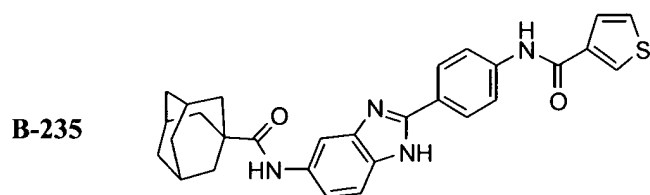
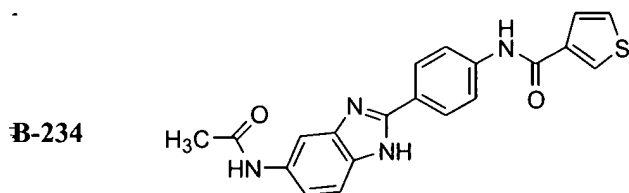
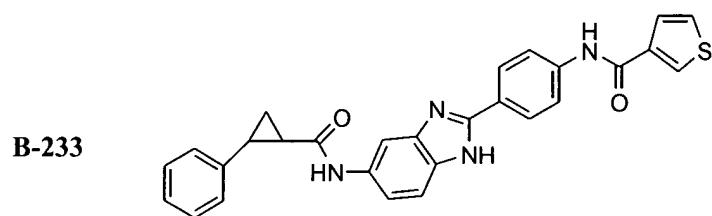




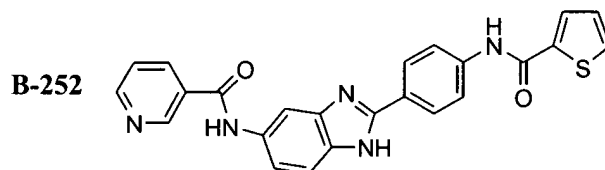
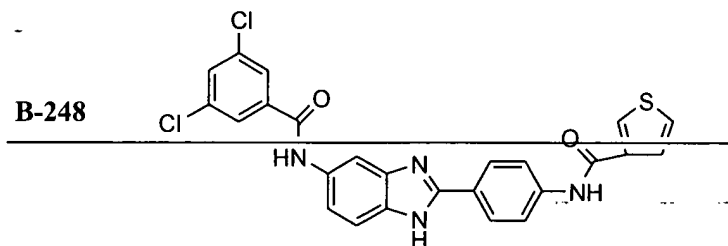
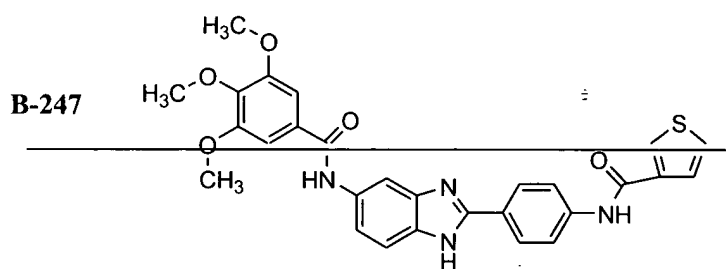
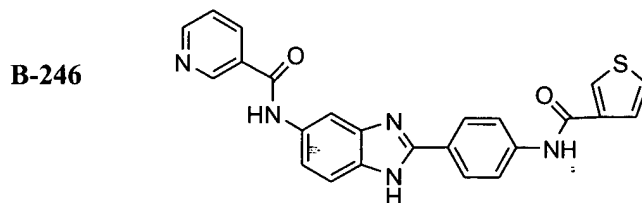
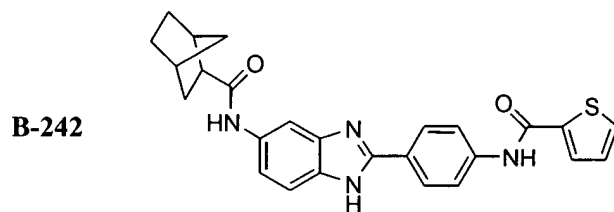
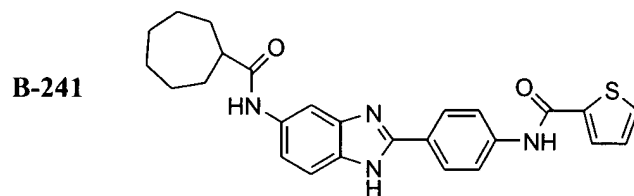
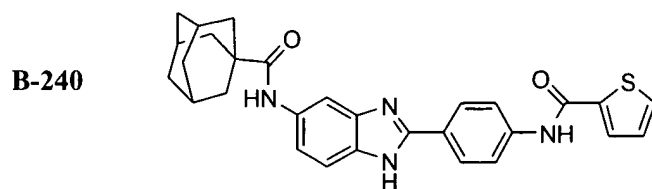
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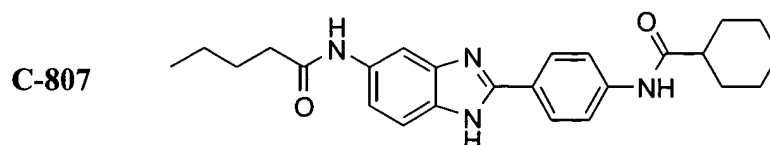
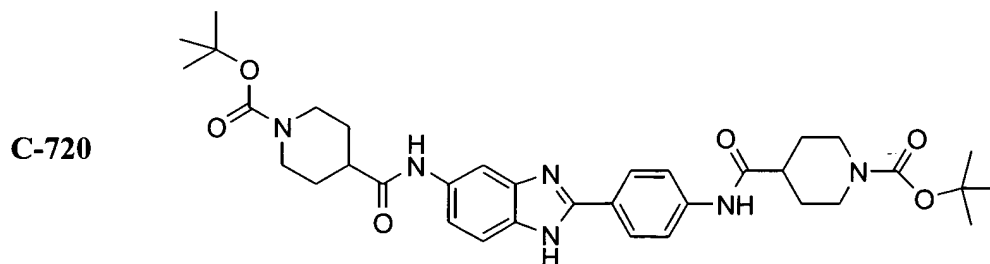
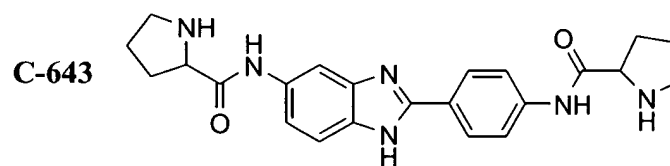
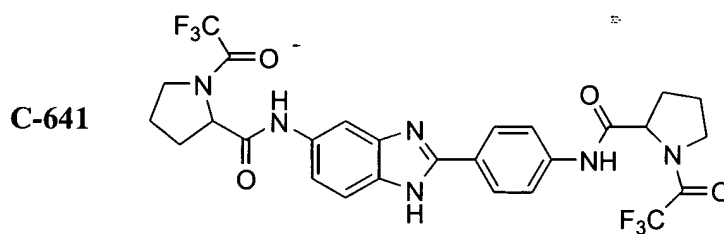
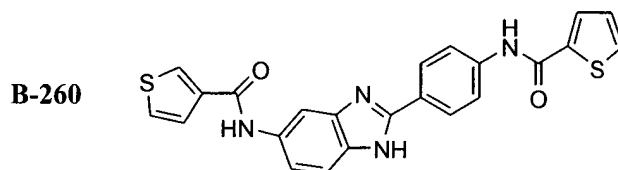
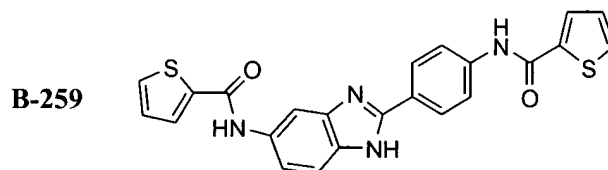
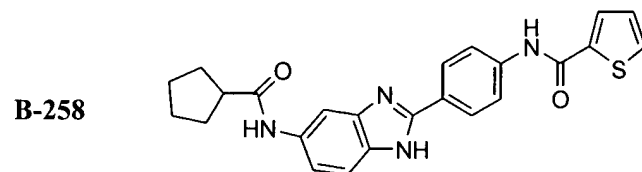
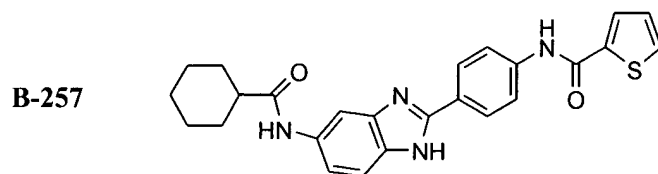


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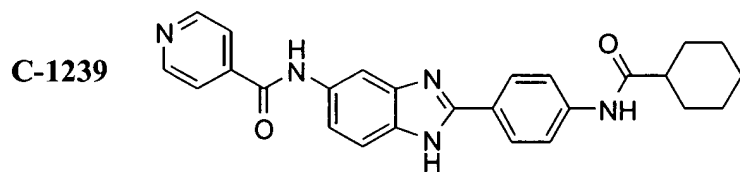
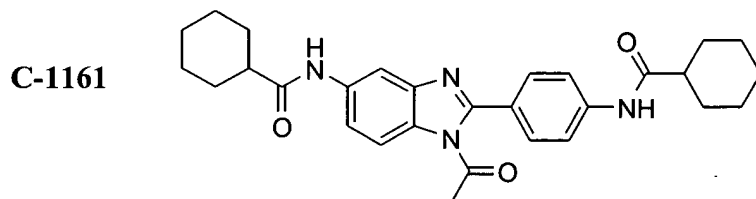
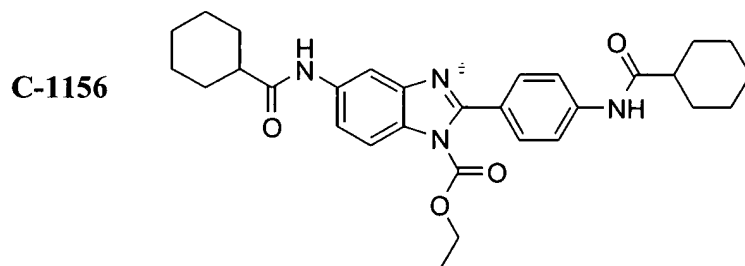
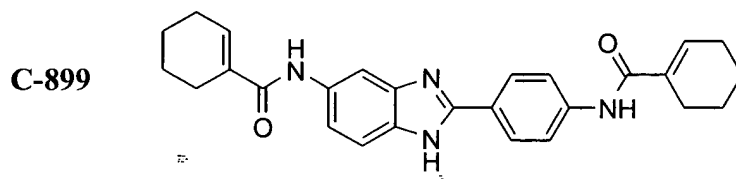
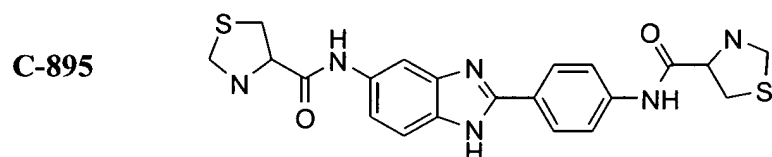
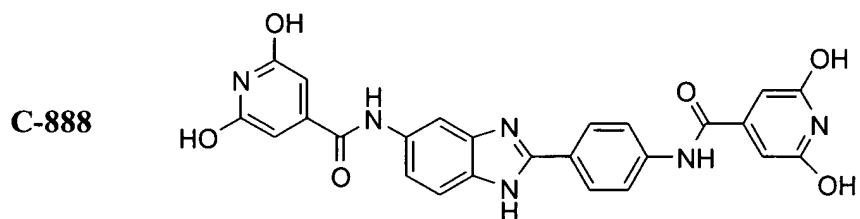
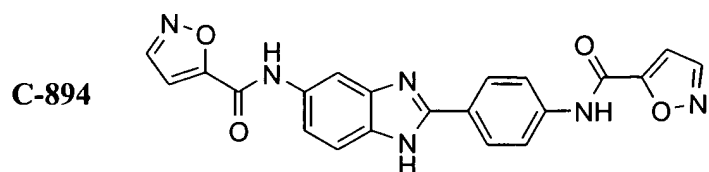


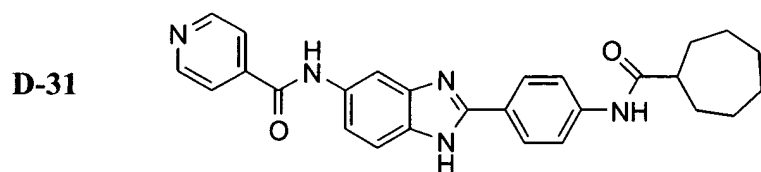
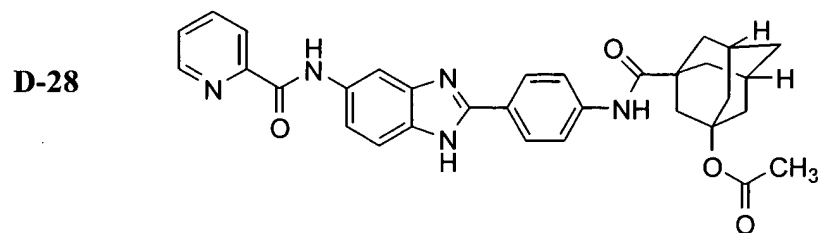
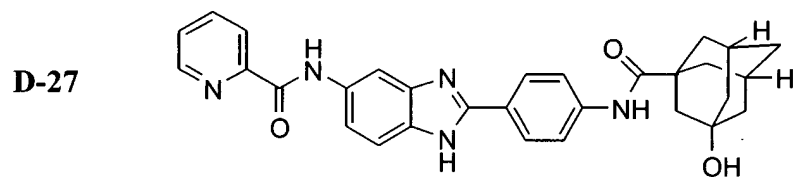
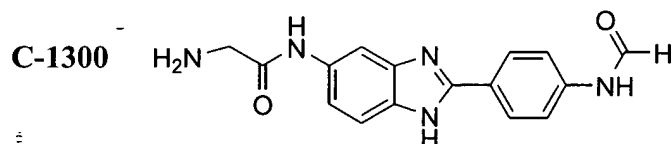
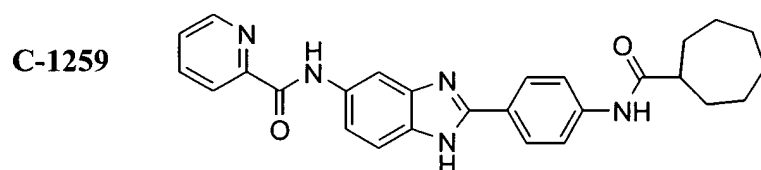
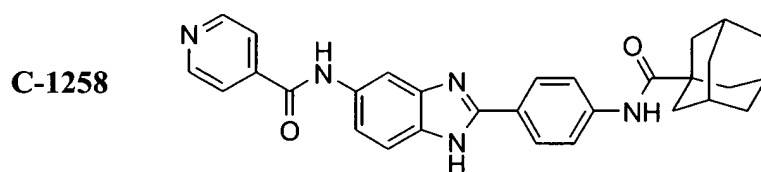
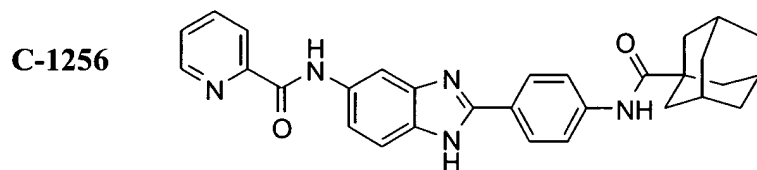
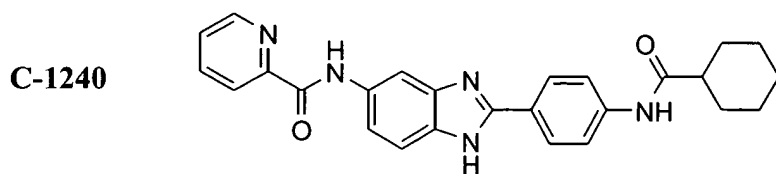




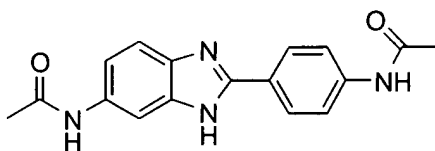
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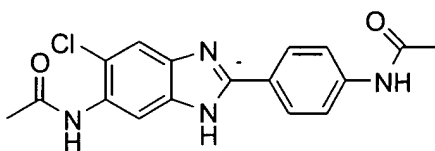




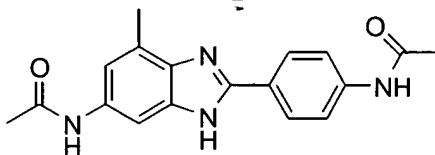
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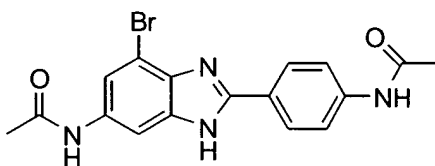
E-660



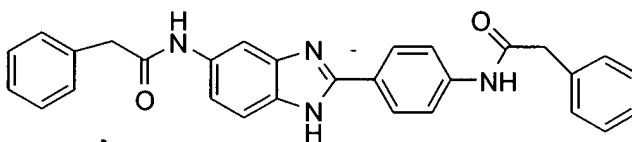
E-847



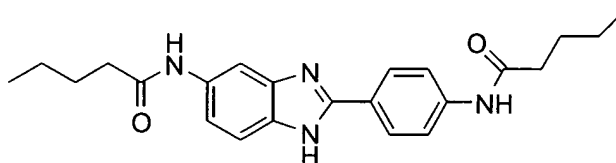
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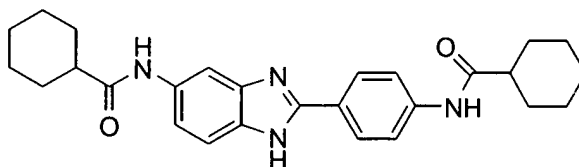
E-878



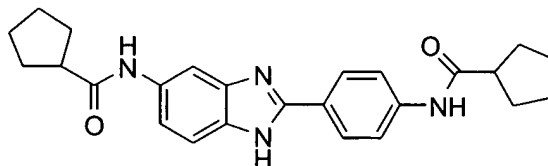
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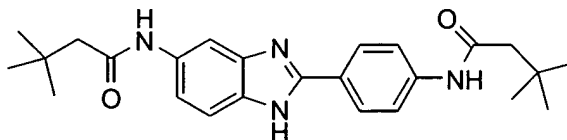
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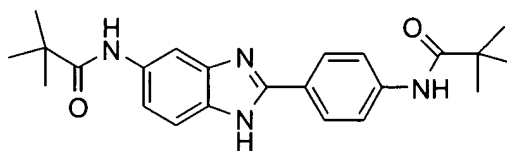
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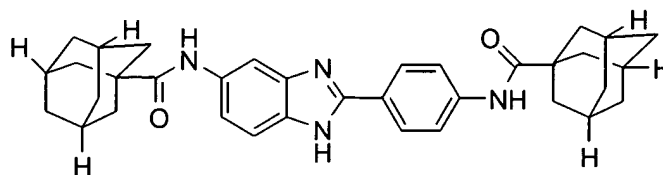
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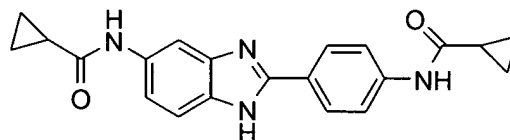
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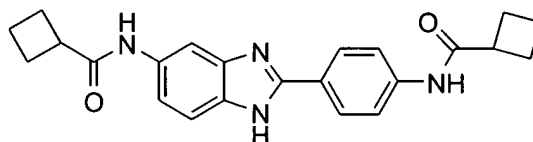
E-924



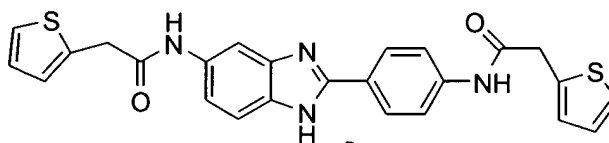
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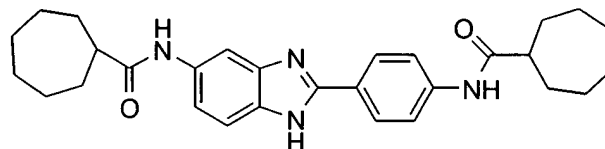
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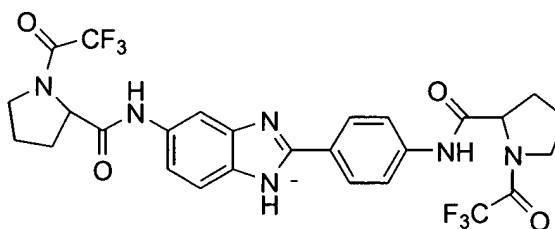
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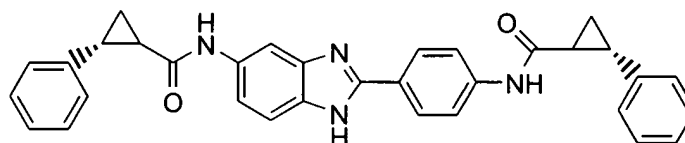
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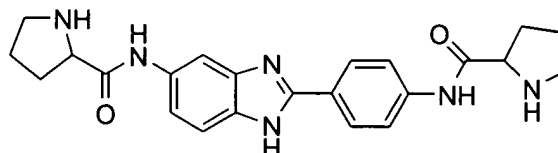
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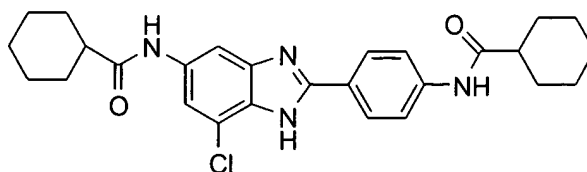
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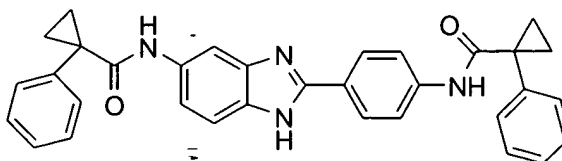
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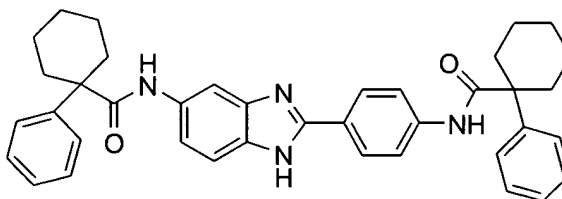
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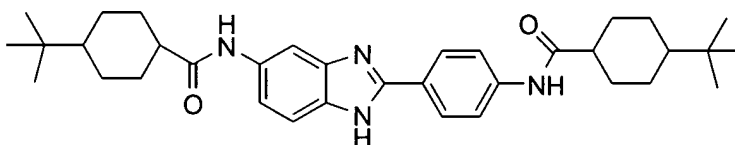
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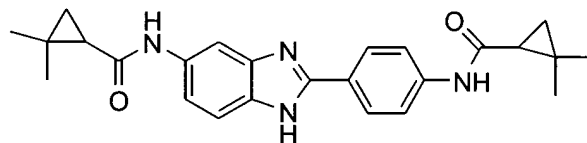
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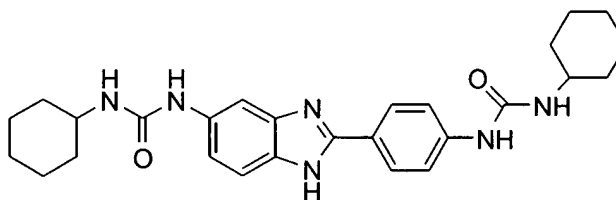
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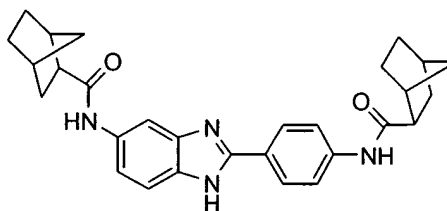
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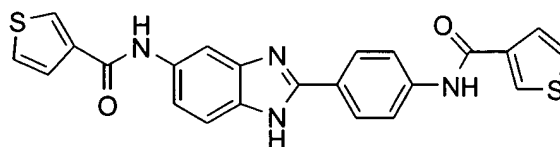
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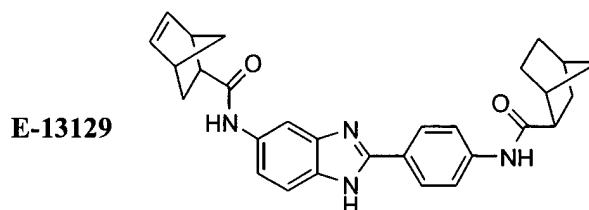
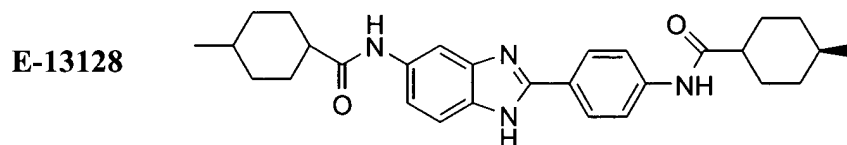
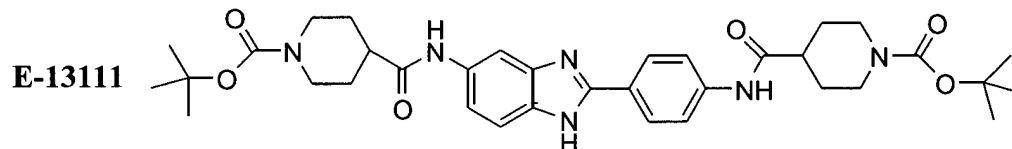
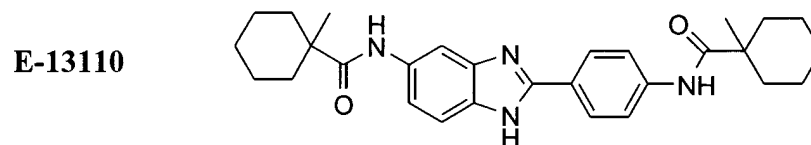
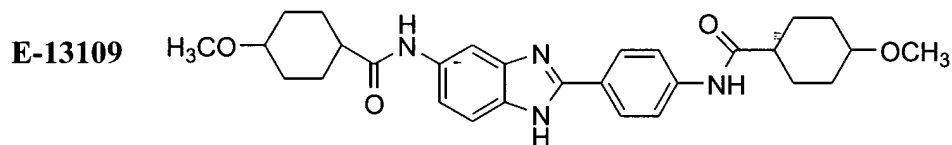
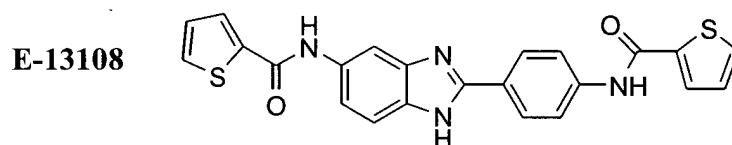
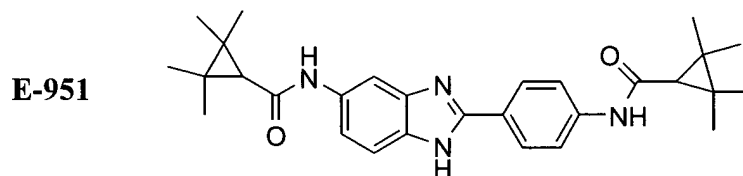
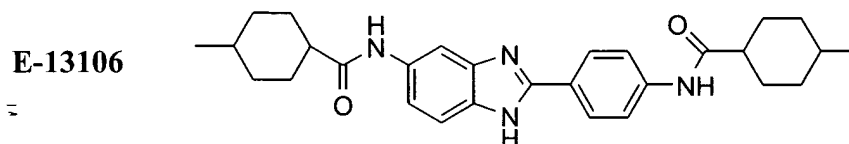
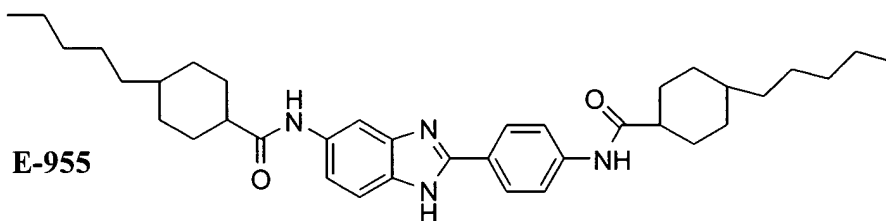


E-953



E-954

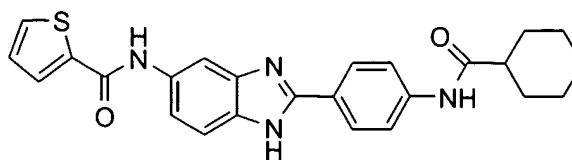




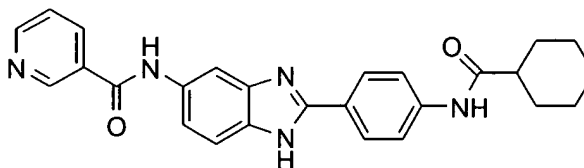
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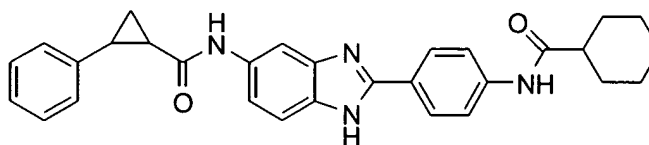
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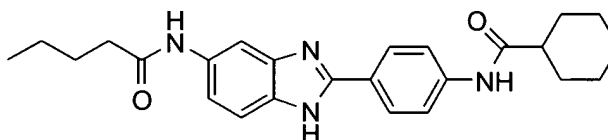
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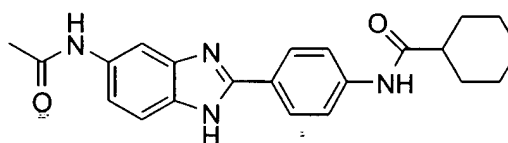
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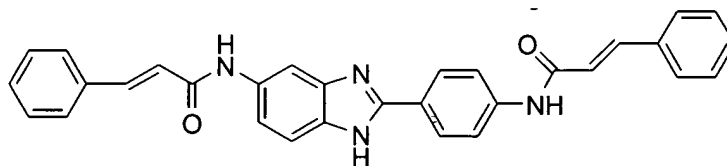
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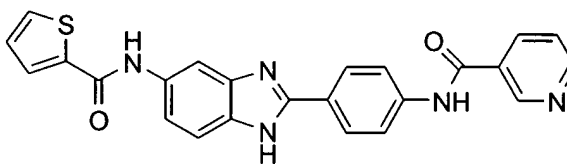
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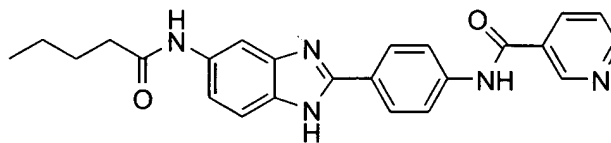
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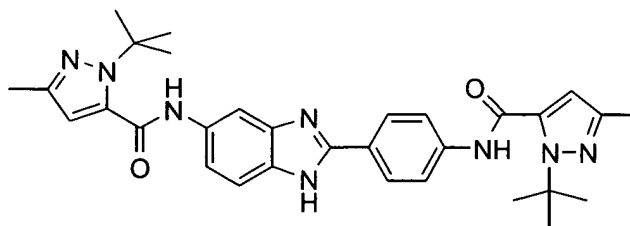
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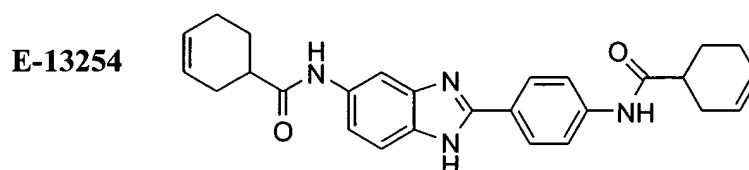
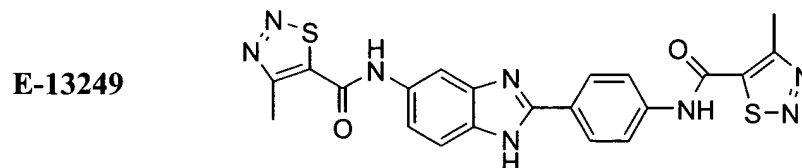
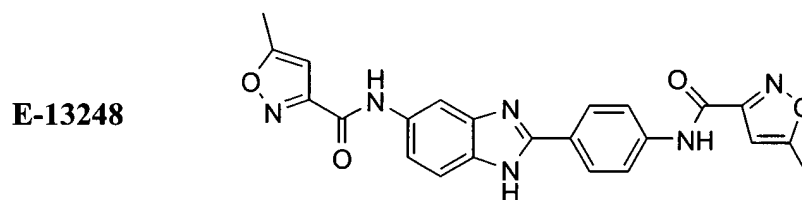
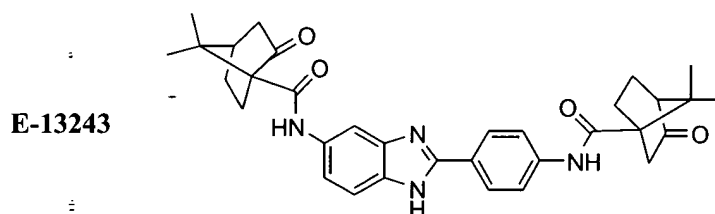
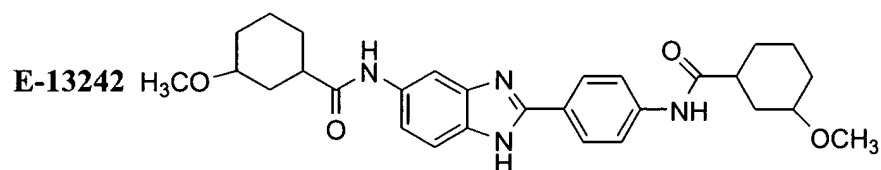
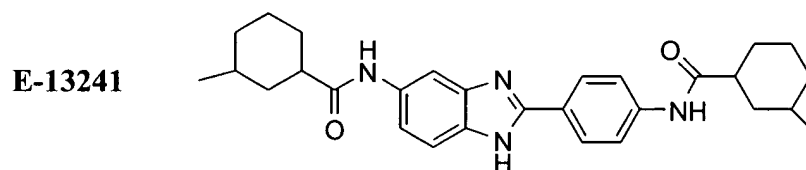
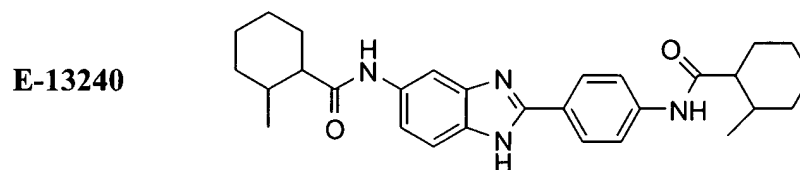
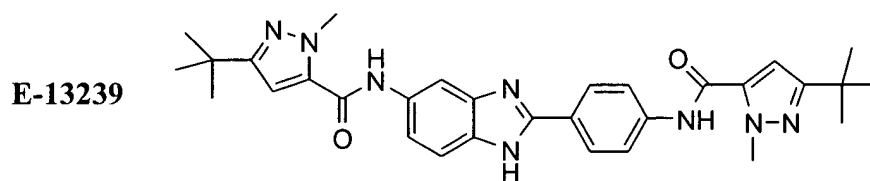


E-13234



E-13238



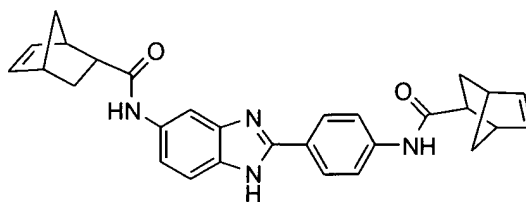




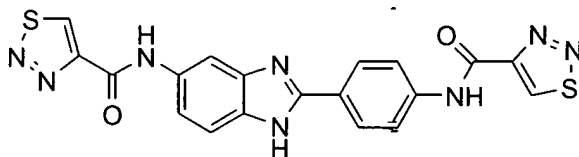
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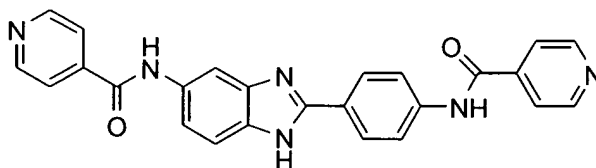
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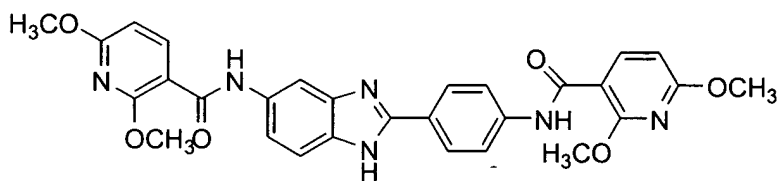
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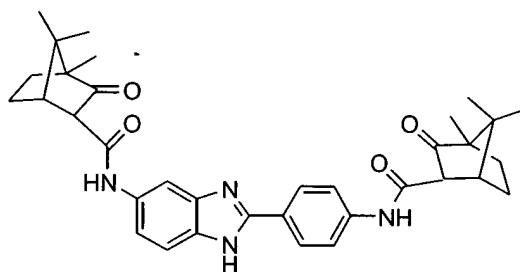
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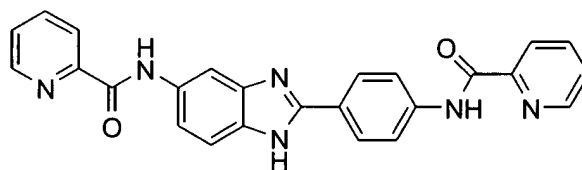
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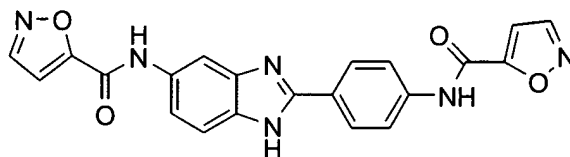
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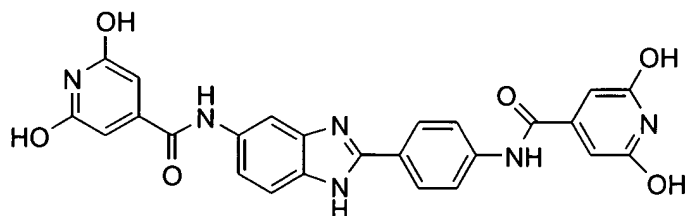
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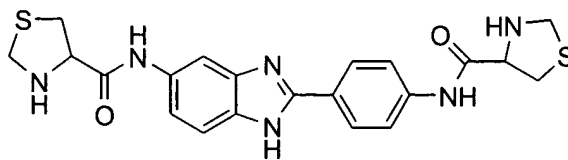
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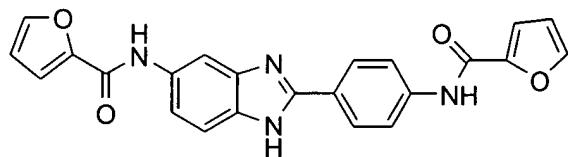
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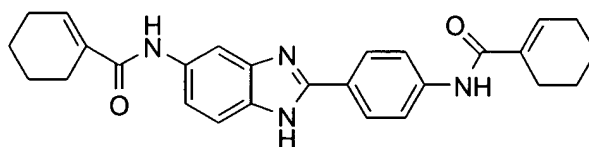
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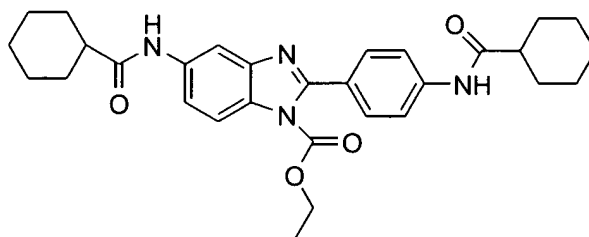
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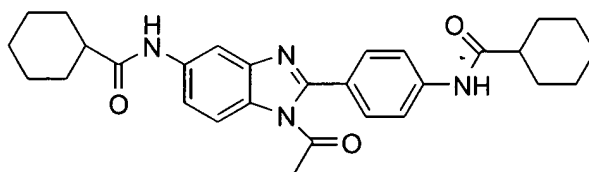
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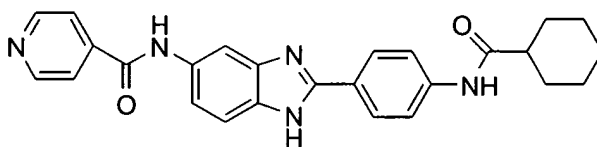
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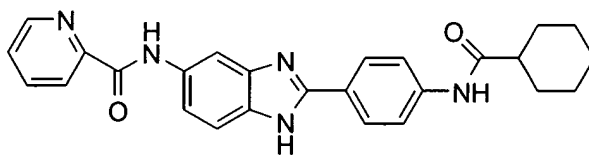
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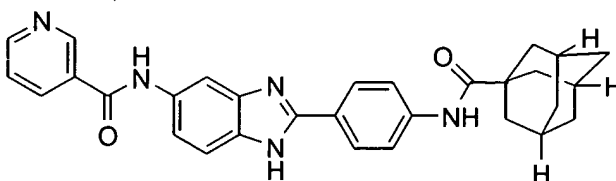
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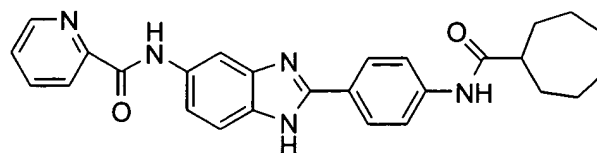
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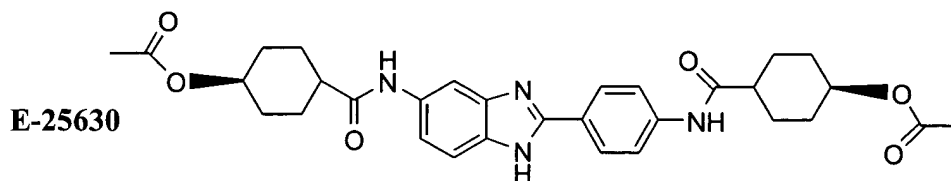
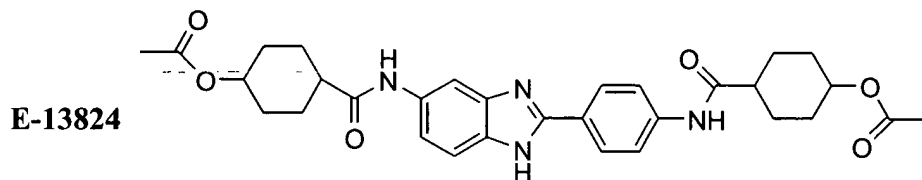
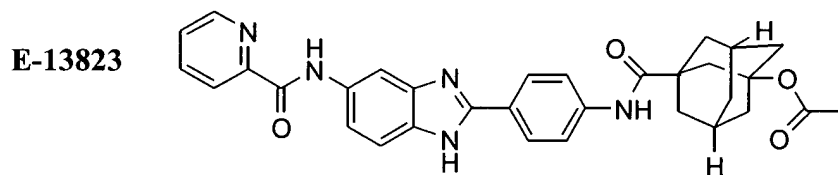
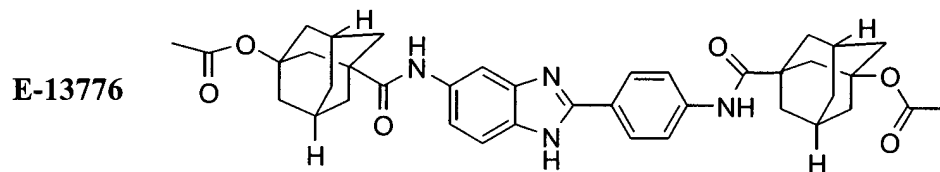
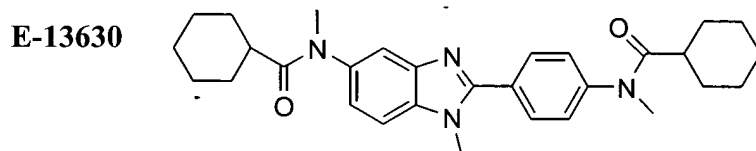
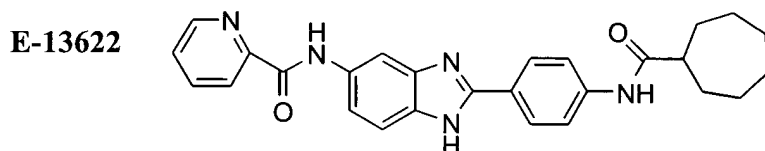
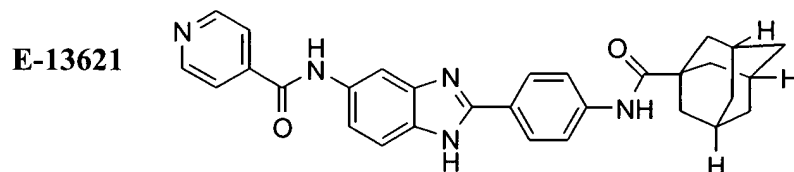
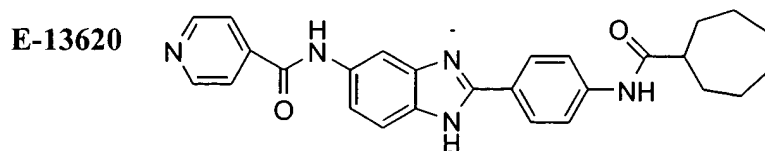
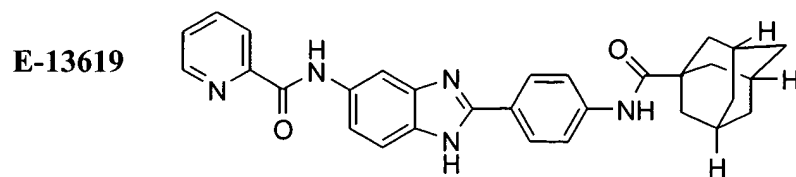


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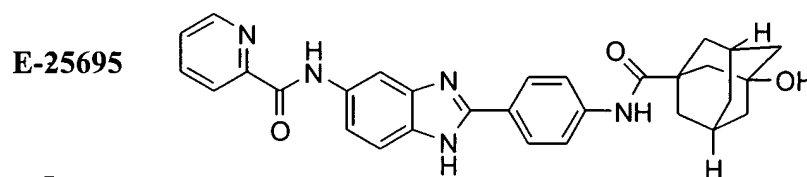
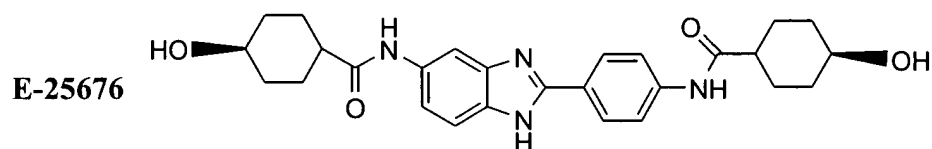
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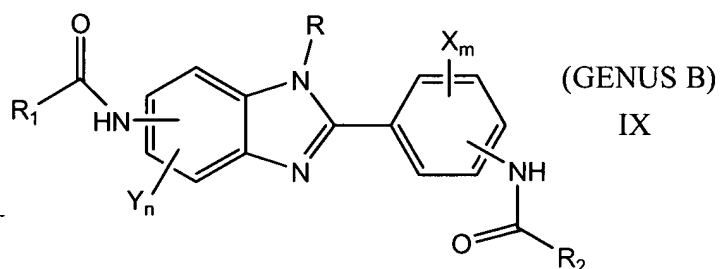


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3. (Original) A method for the treatment of cancer comprising administration of a formulation comprising at least one compound of a pharmaceutical composition of the formulae:



wherein:

X and Y may be different or the same and are independently selected from the group consisting of H, halogen, alkyl, alkoxy, aryl, substituted aryl, hydroxy, amino, alkylamino, cycloalkyl, morpholine, thiomorpholine, nitro, cyano, CF<sub>3</sub>, OCF<sub>3</sub>, COR<sub>1</sub>, COOR<sub>1</sub>, CONH<sub>2</sub>, CONHR<sub>1</sub>, and NHCOR<sub>1</sub>;

n is an integer from one to three;

m is an integer from one to four;

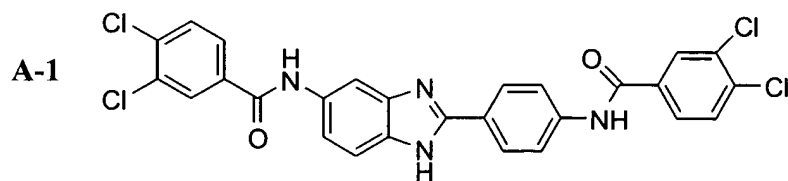
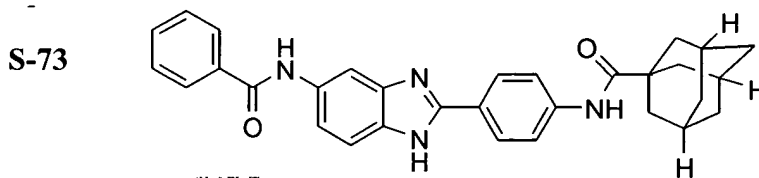
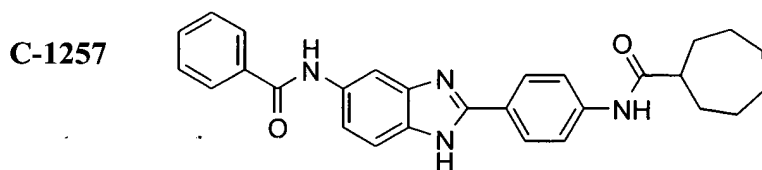
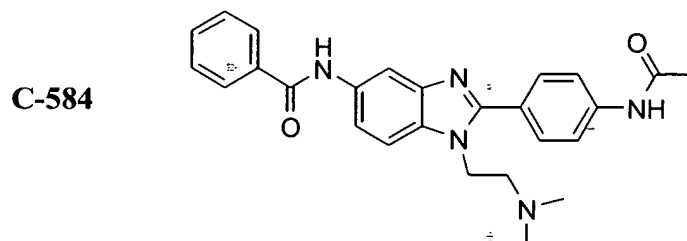
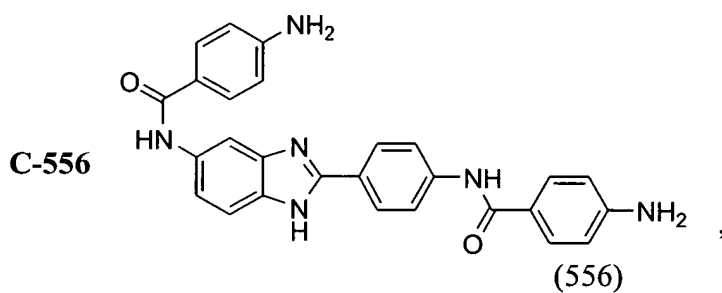
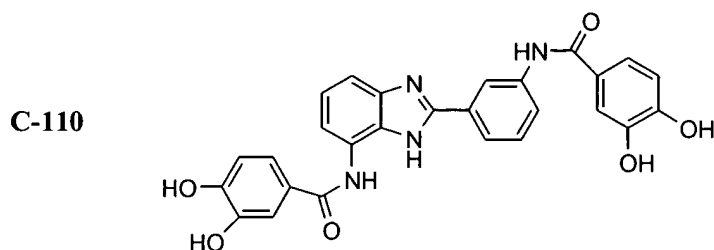
R is selected from the group consisting of H, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, C<sub>3</sub>H<sub>7</sub>, C<sub>4</sub>H<sub>9</sub>, CH<sub>2</sub>Ph, CH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>-F(p-), COCH<sub>3</sub>, COCH<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>, and CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>; and

R<sub>1</sub> and R<sub>2</sub> are independently selected from the group consisting of H, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, polycycloalkyl, substituted polycycloalkyl, polycycloalkenyl, substituted polycycloalkenyl, arylalkyl, substituted arylalkyl, heteroarylalkyl, substituted heteroarylalkyl, arylcycloalkyl, substituted arylcycloalkyl, heteroarylalkyl, substituted heteroarylalkyl, heterocyclic ring, substituted heterocyclic ring, heteroatom, substituted heteroatom, aryl, and substituted aryl, wherein at least one of R<sub>1</sub> and R<sub>2</sub> is selected from aryl or substituted aryl.

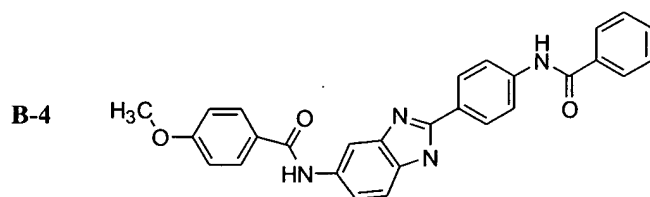
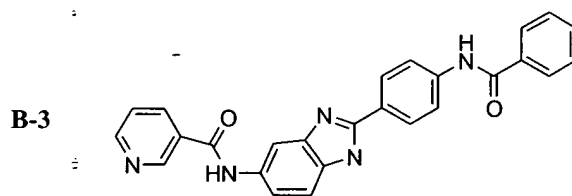
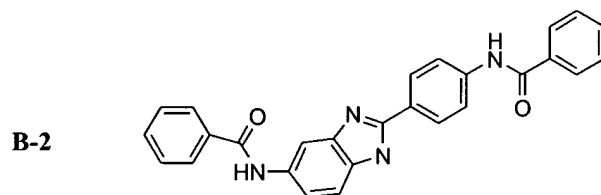
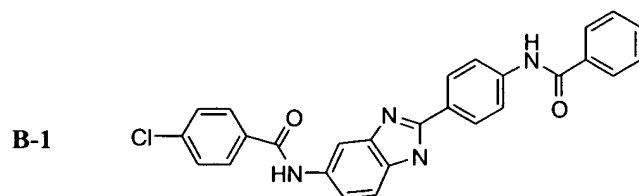
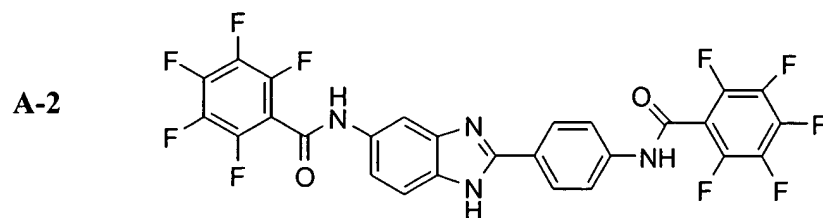
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4. (Currently amended) The method of Claim 3, wherein method for the treatment of cancer comprises administering a formulation comprising at least one compound selected from the group consisting of

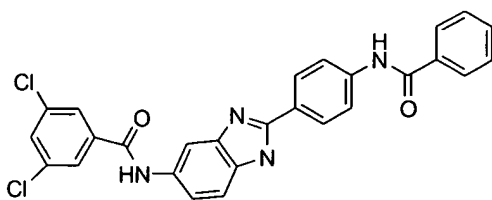


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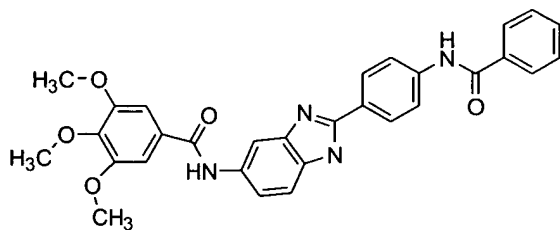


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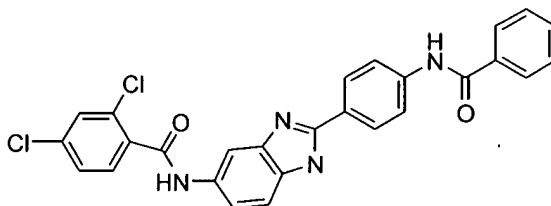
B-5



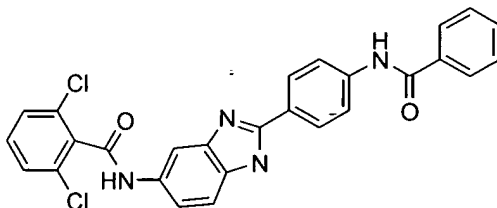
B-6



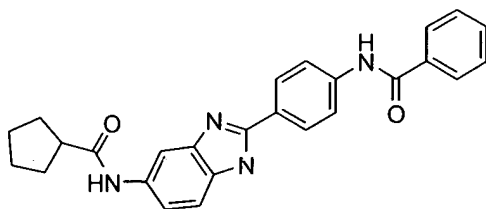
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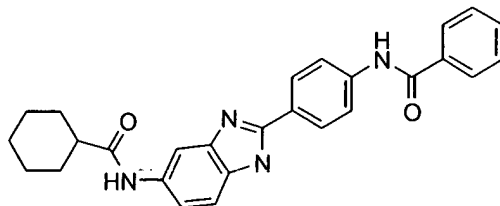
B-8

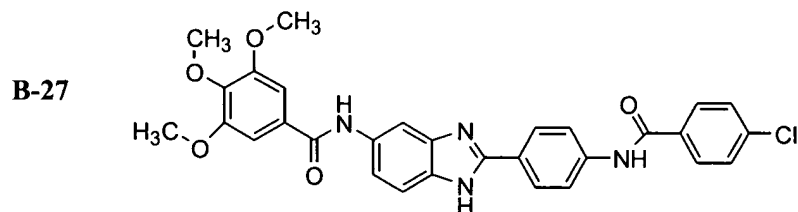
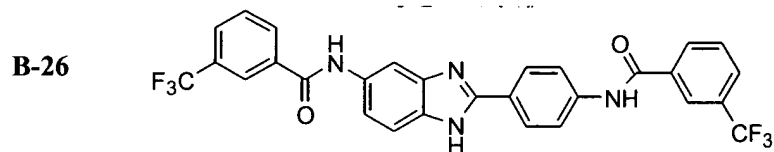
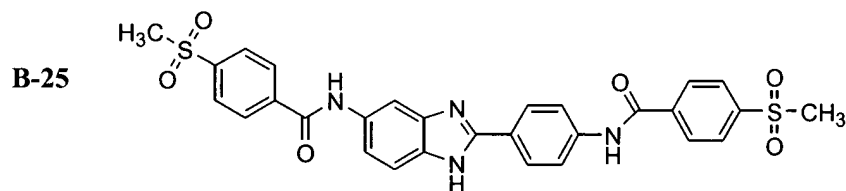
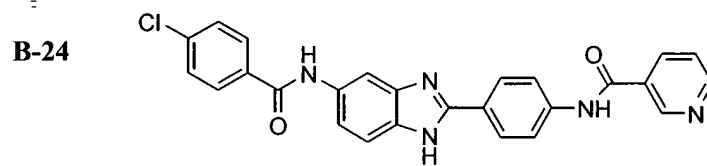
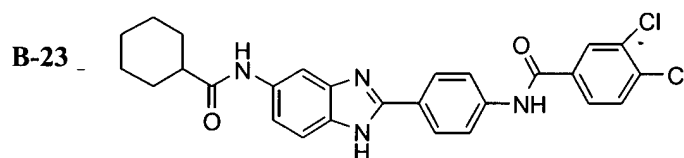
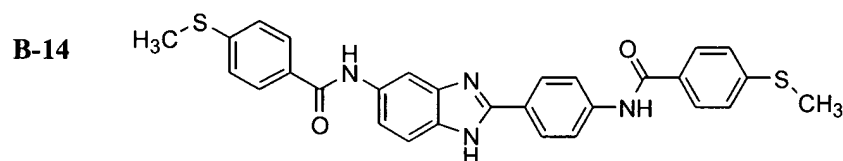
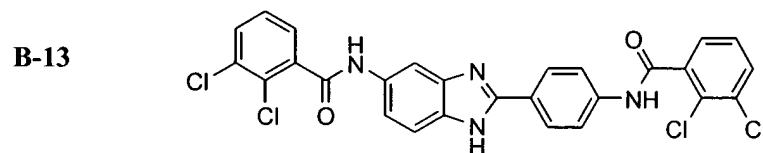
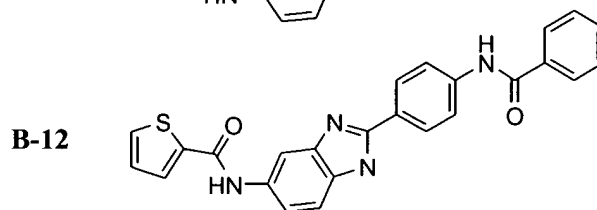
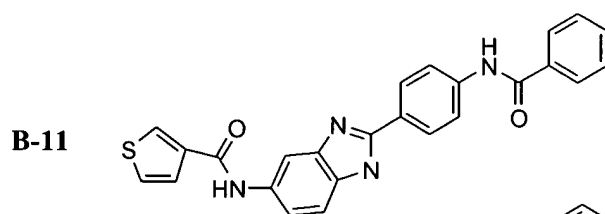


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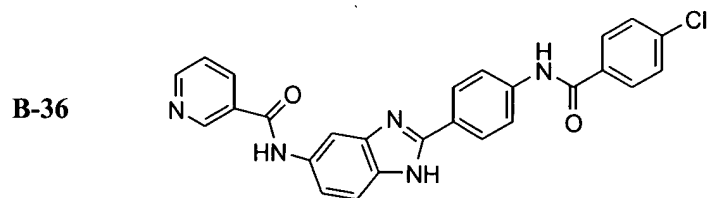
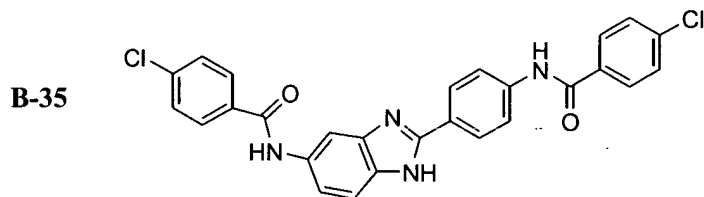
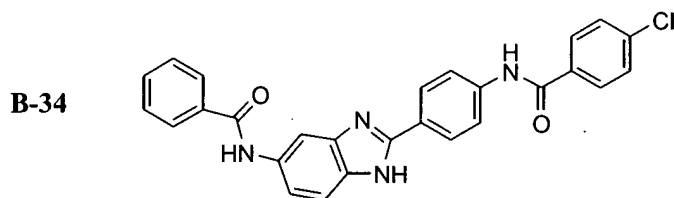
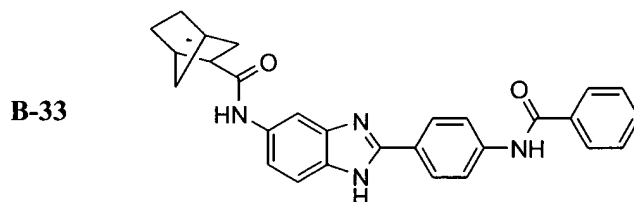
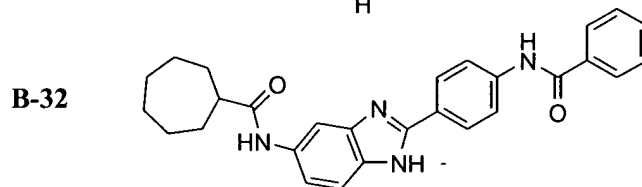
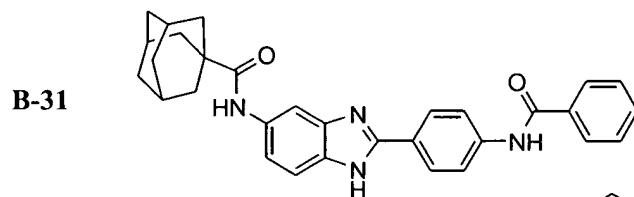
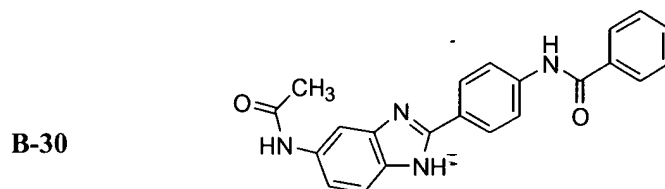
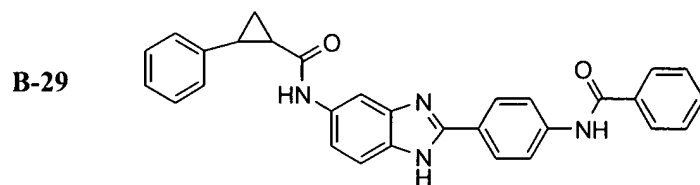


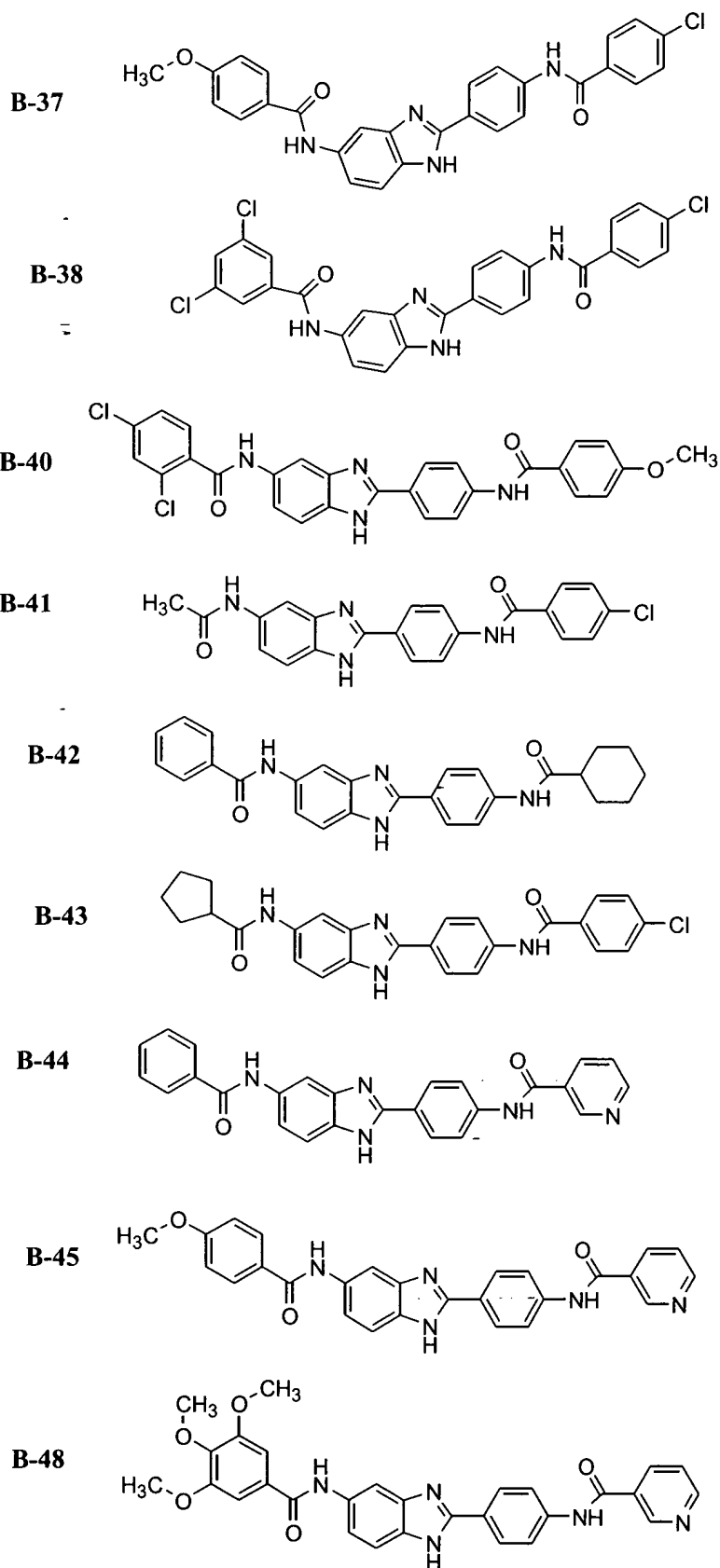
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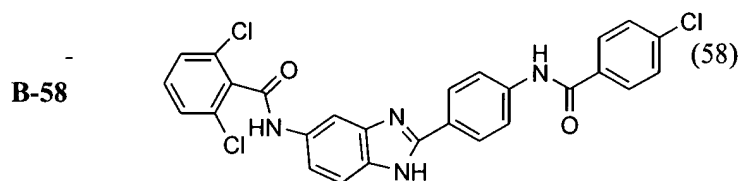
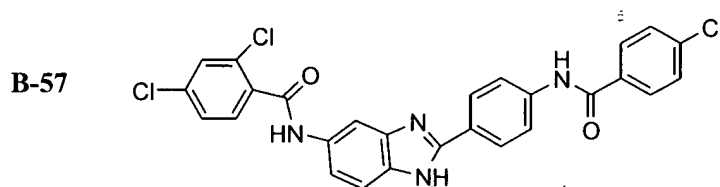
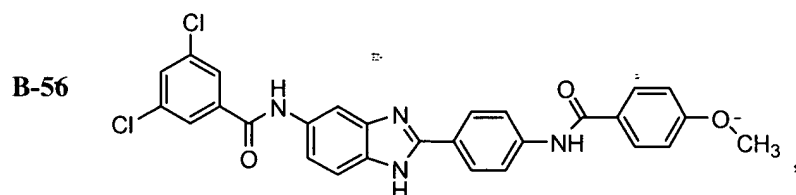
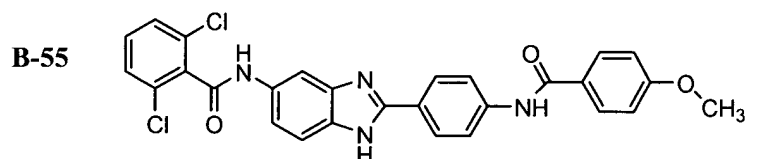
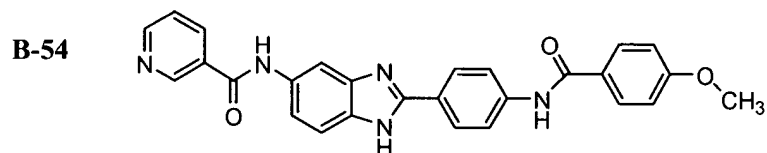
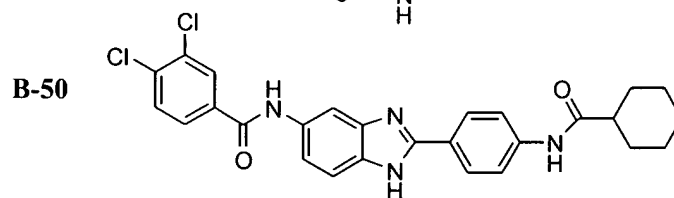
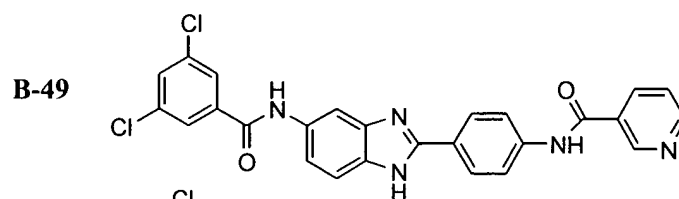






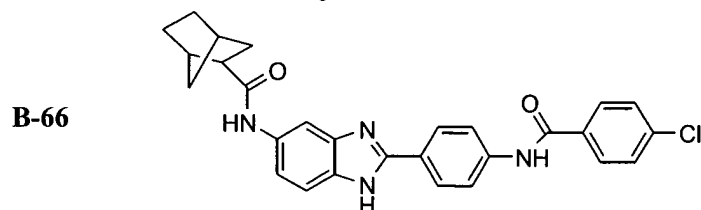
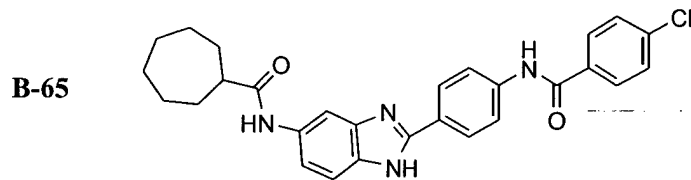
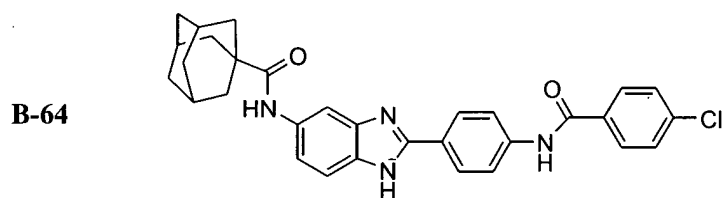
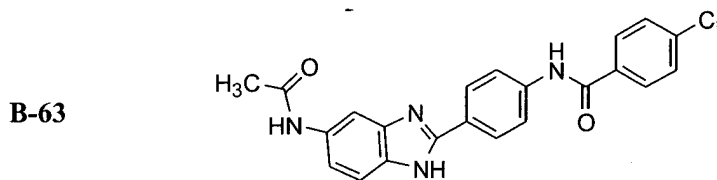
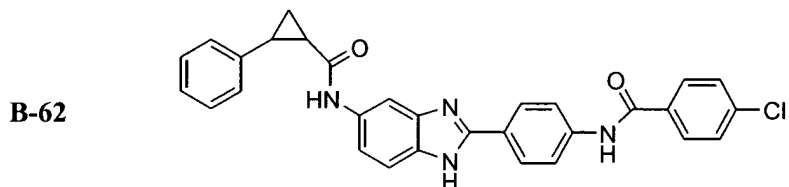
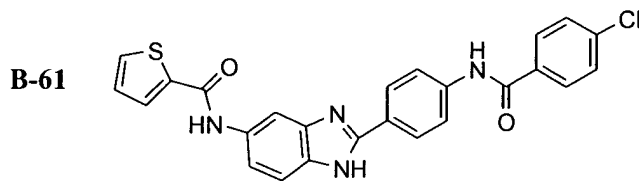
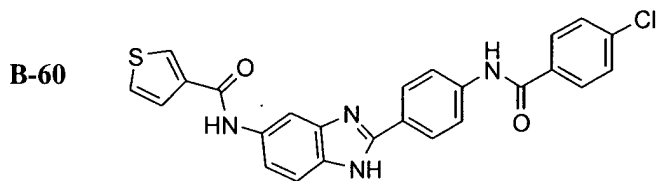
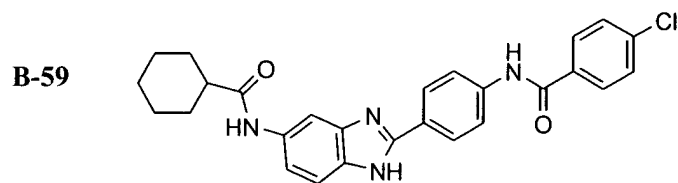
Int'l Appl. No. : PCT/US03/06981

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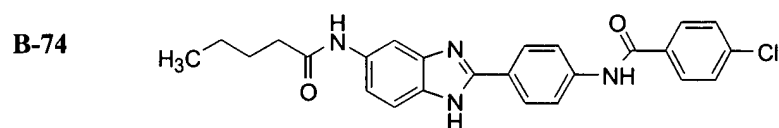
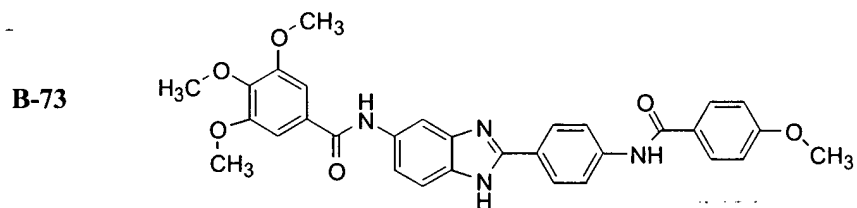
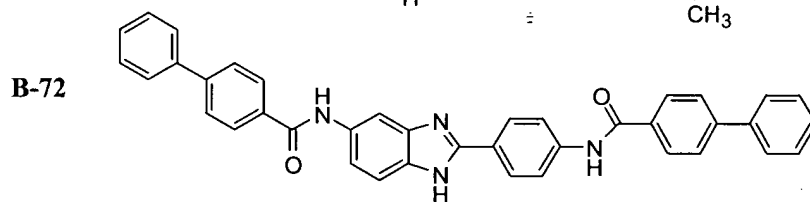
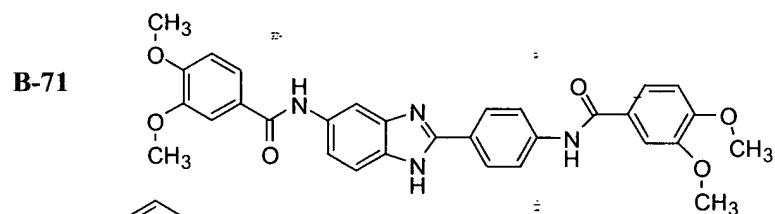
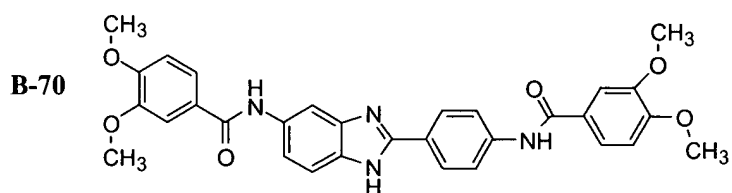
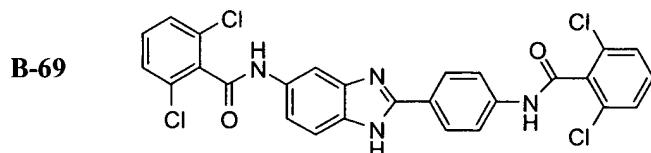
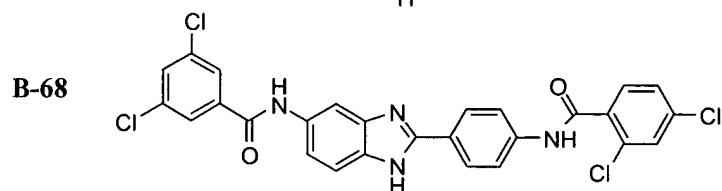
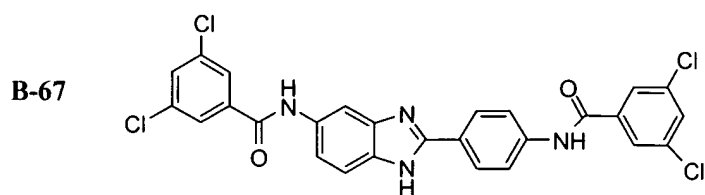


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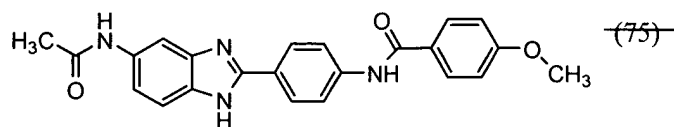
Int'l Filing Date : March 6, 2003



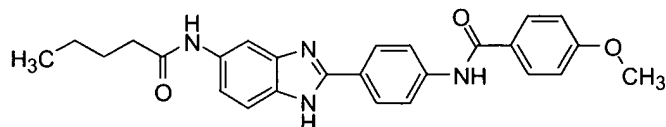
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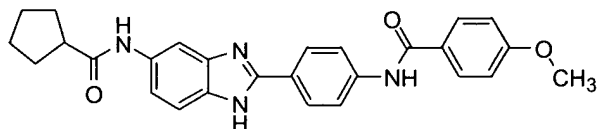
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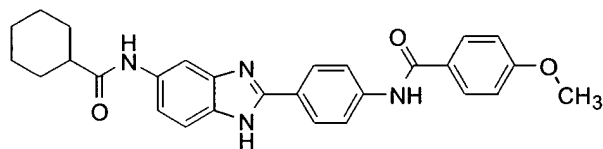
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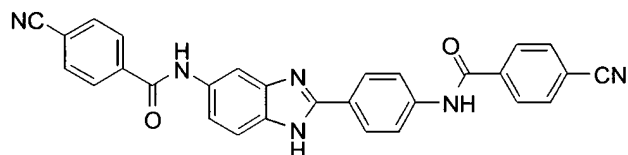
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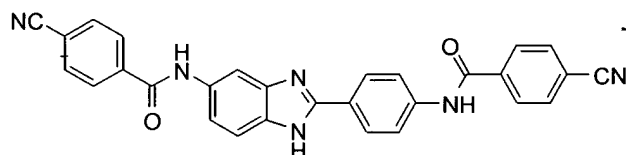
B-78



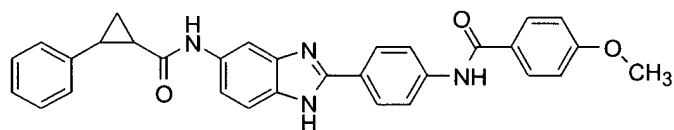
B-79



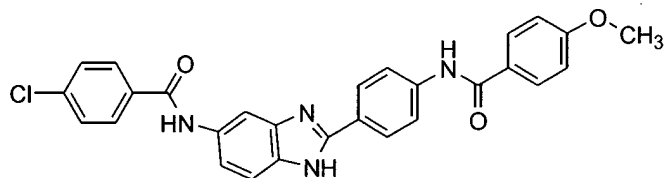
B-80



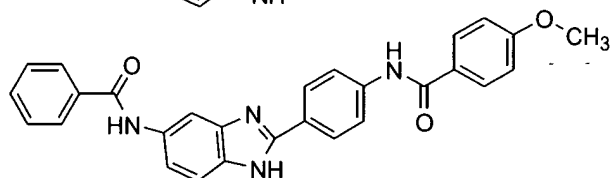
B-81



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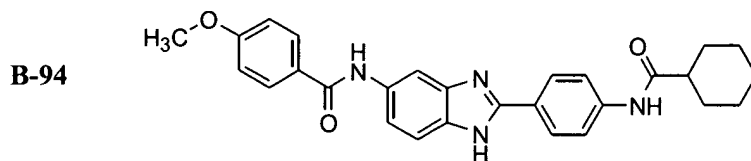
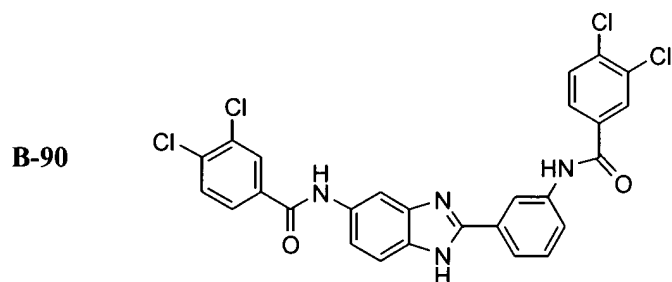
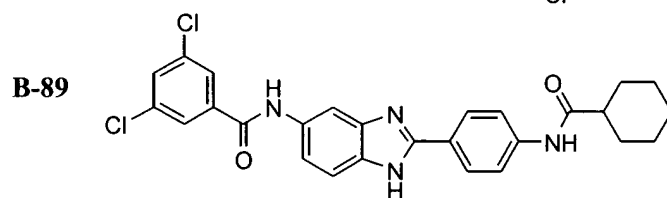
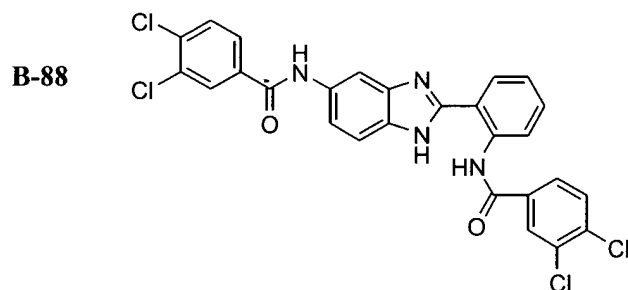
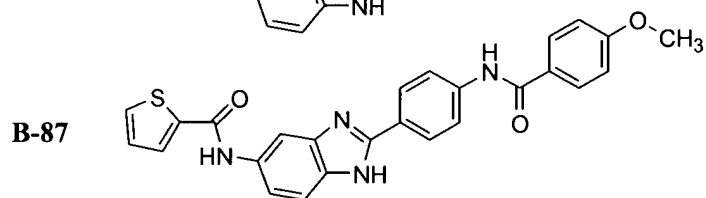
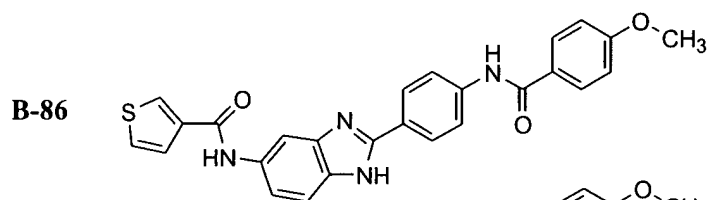
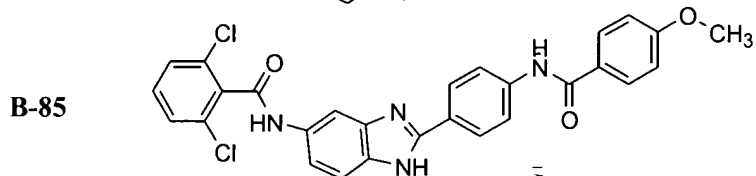
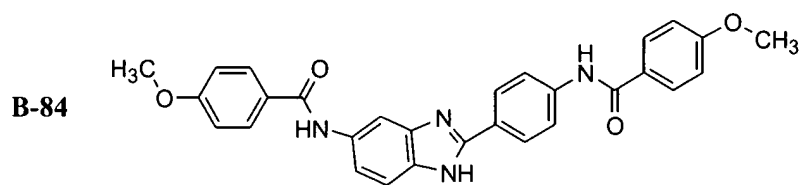


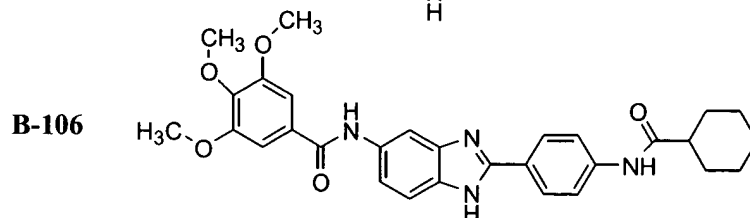
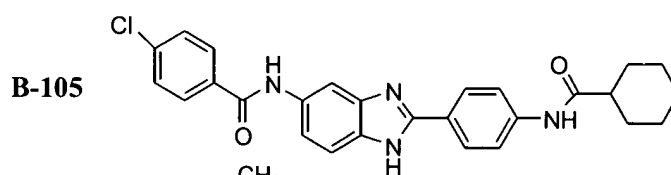
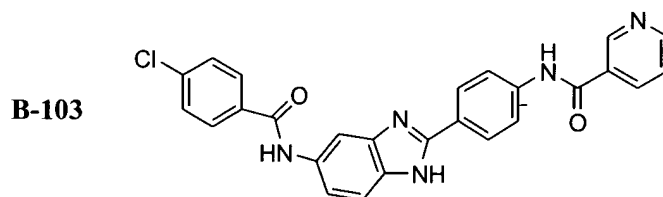
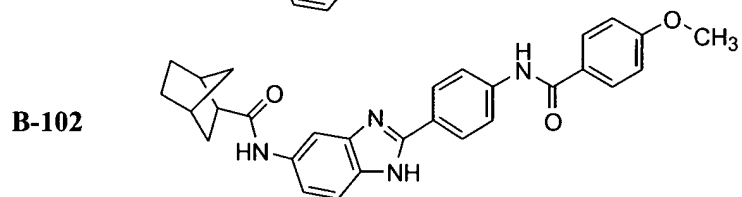
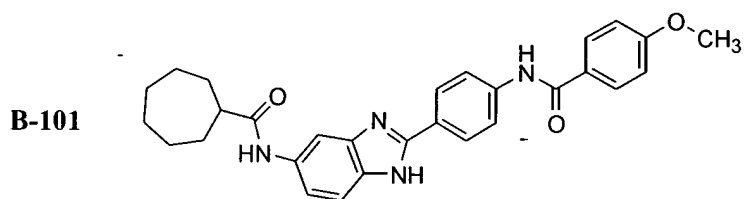
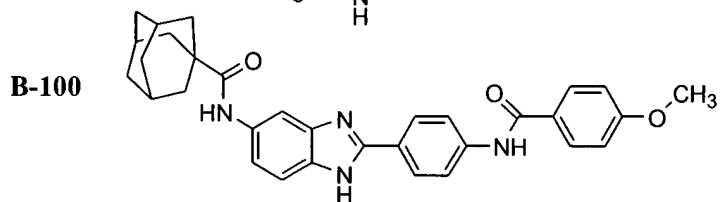
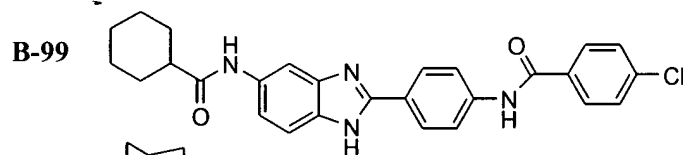
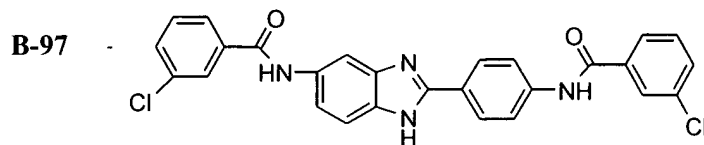
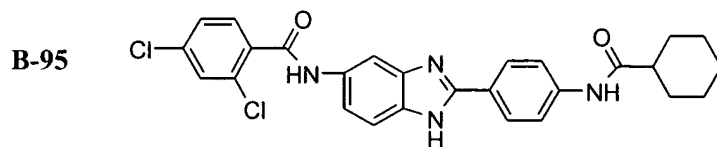
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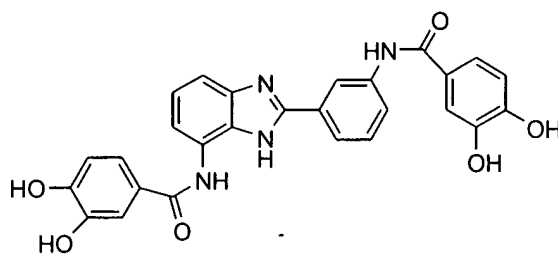




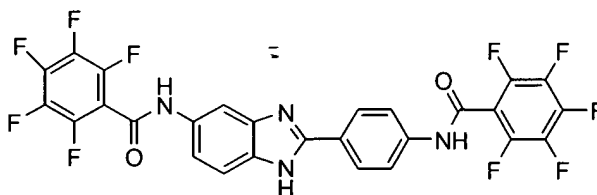
Int'l Appl. No. : PCT/US03/06981

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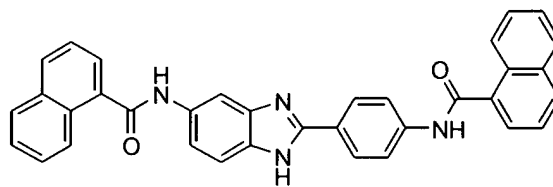
B-110



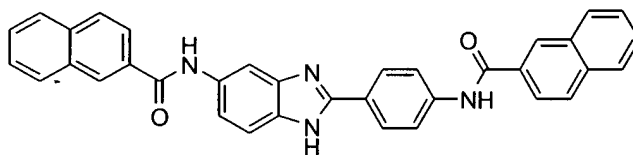
B-111



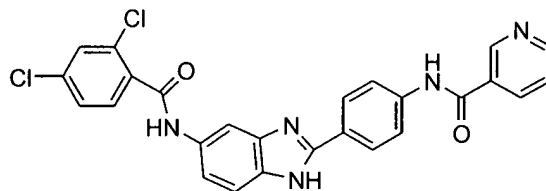
B-112



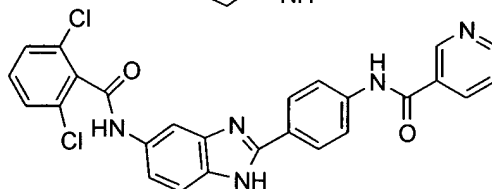
B-113



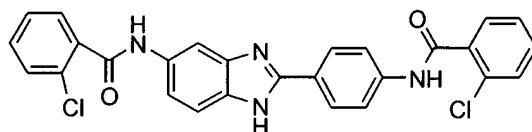
B-115

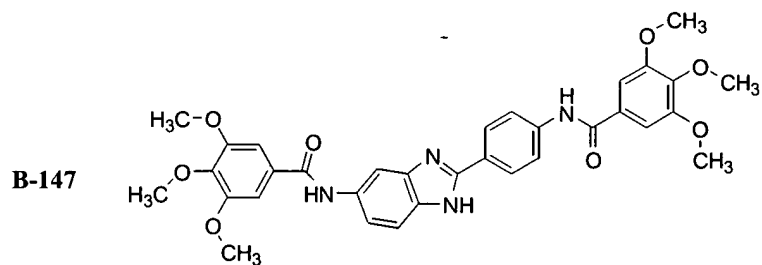
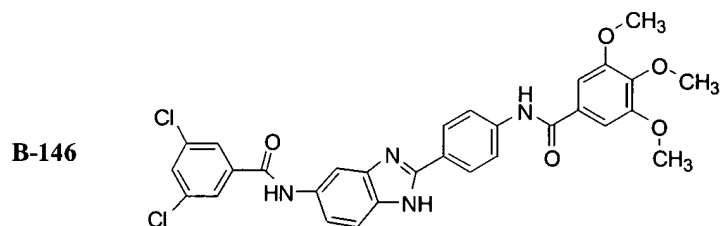
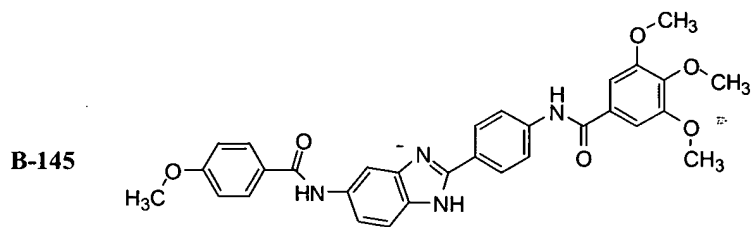
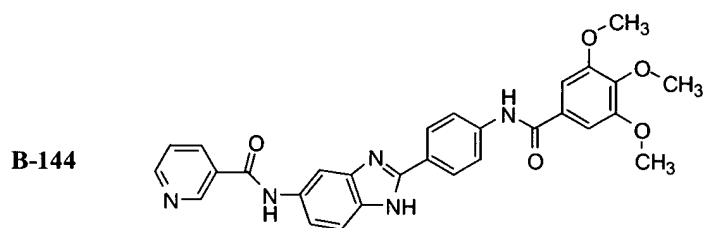
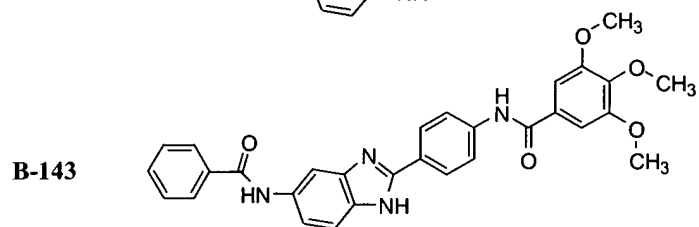
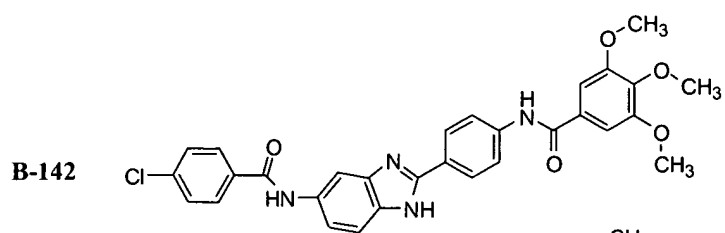


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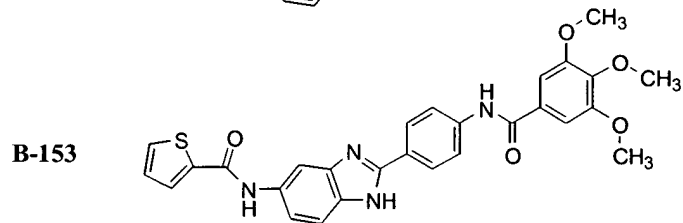
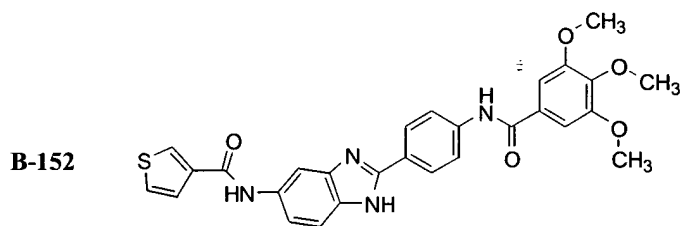
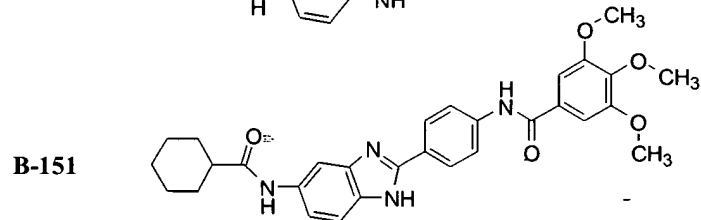
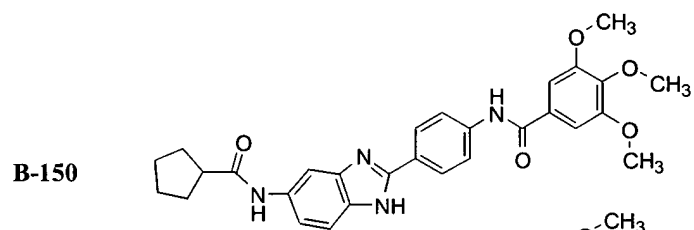
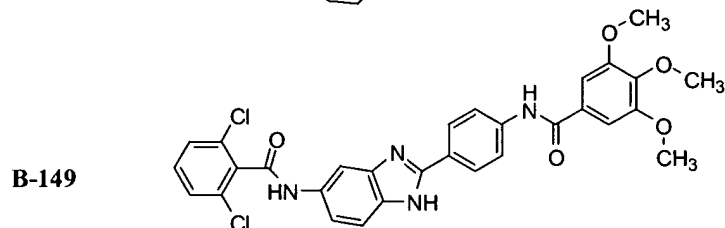
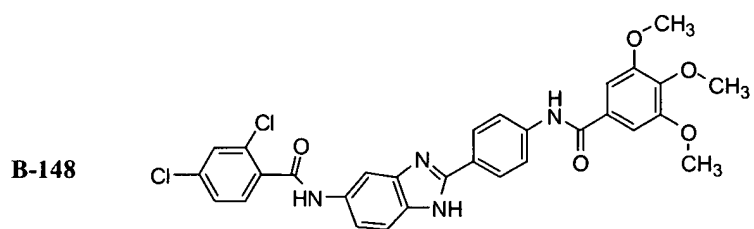


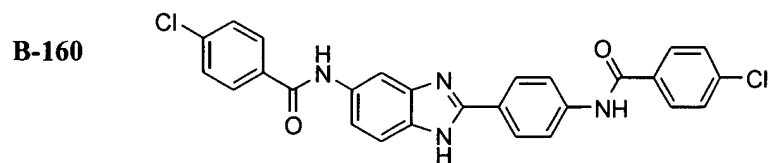
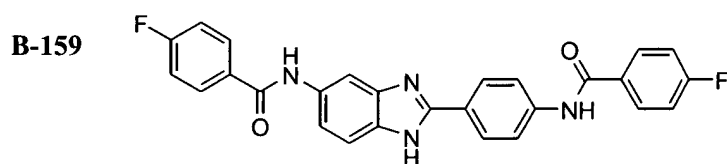
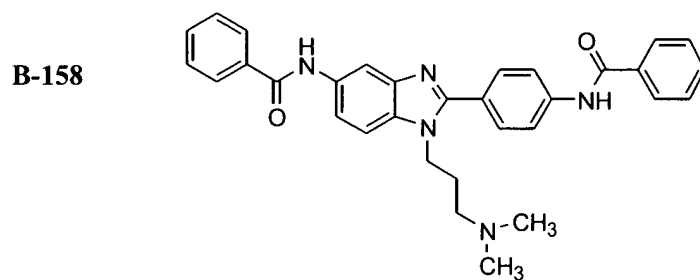
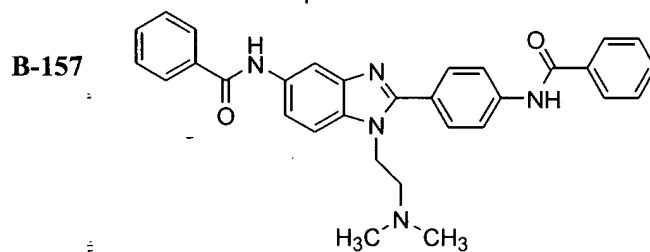
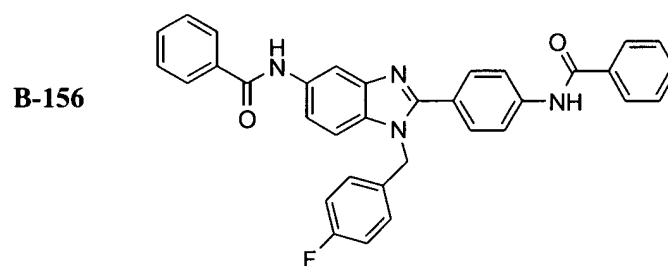
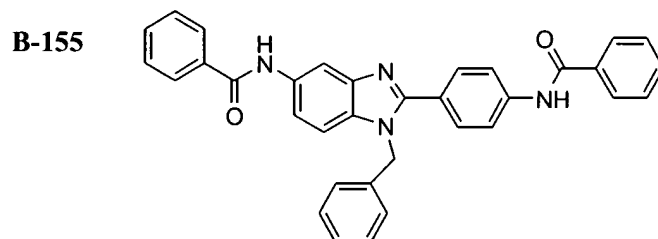
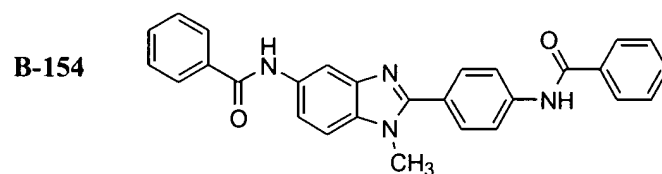
B-141



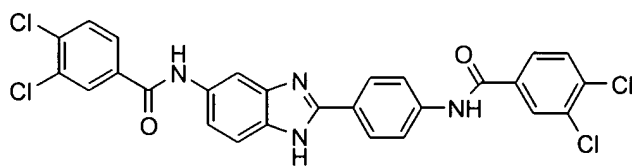


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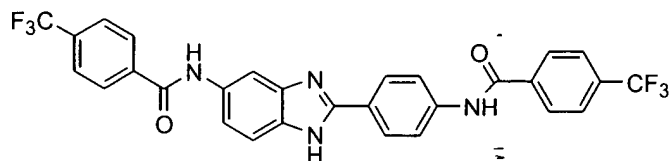




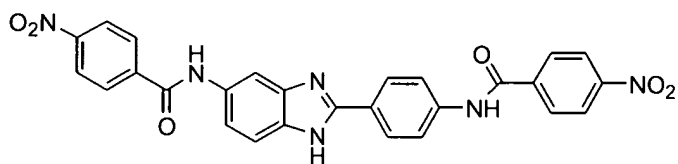
B-161



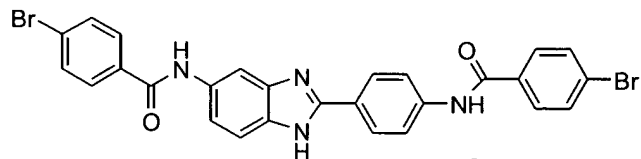
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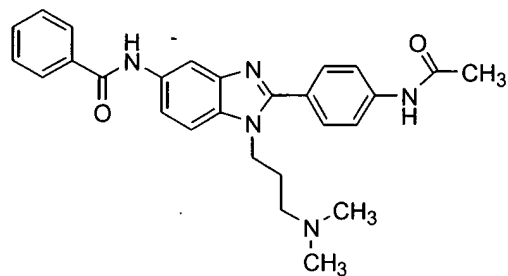
B-165



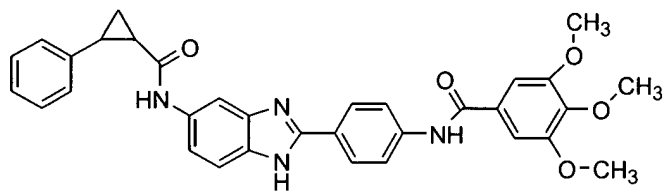
B-166



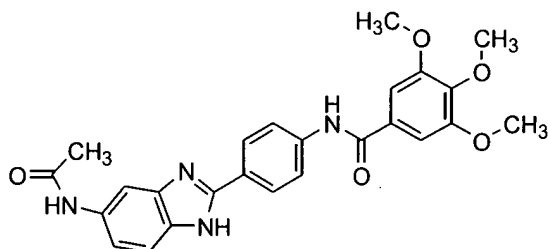
B-167



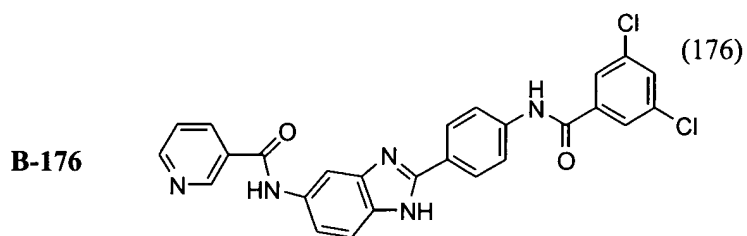
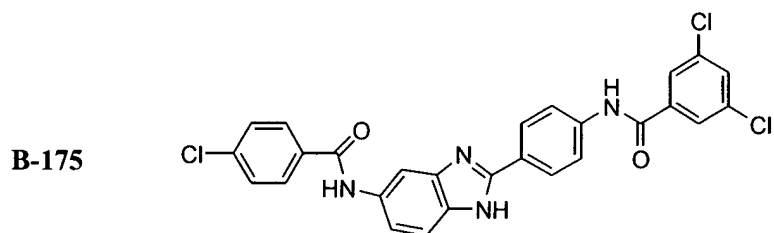
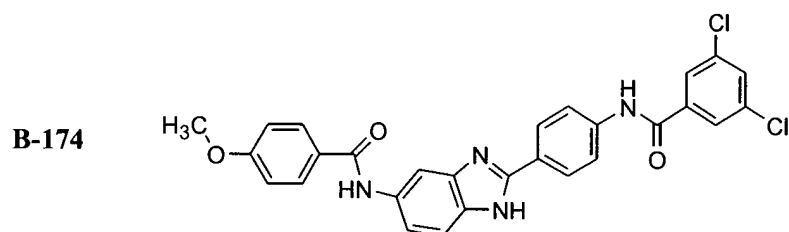
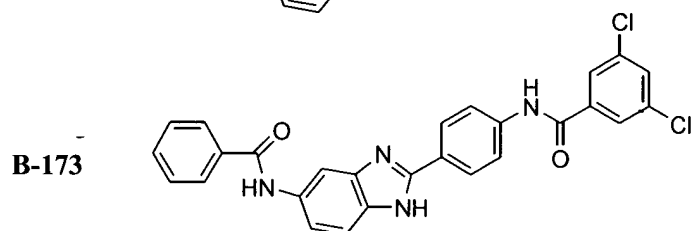
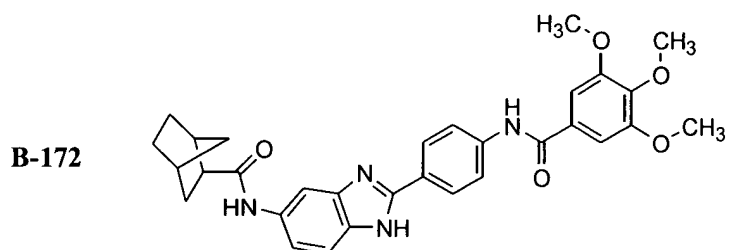
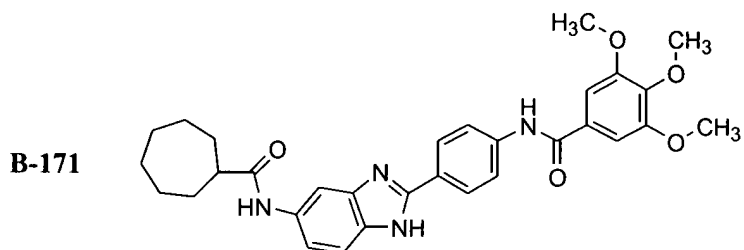
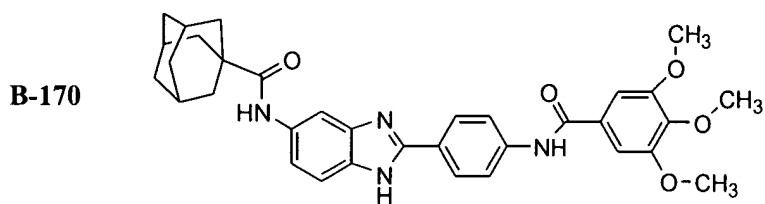
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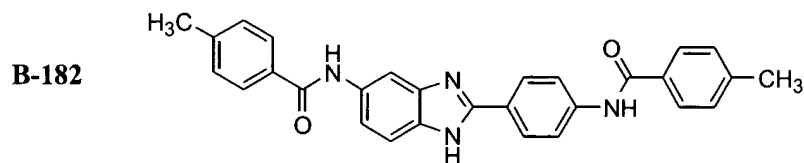
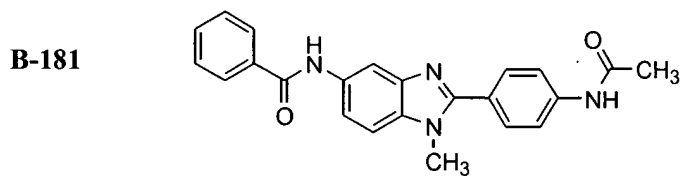
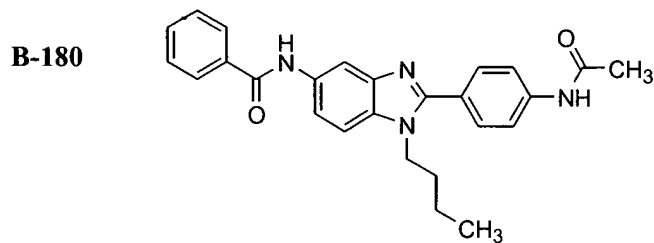
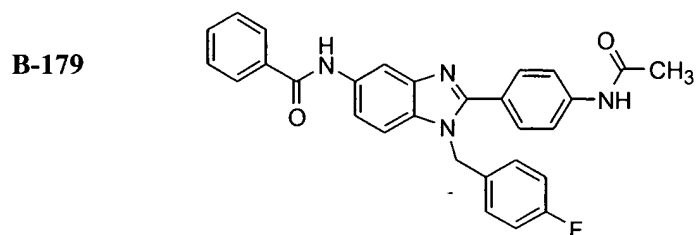
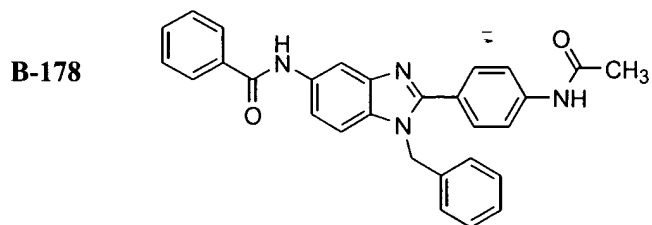
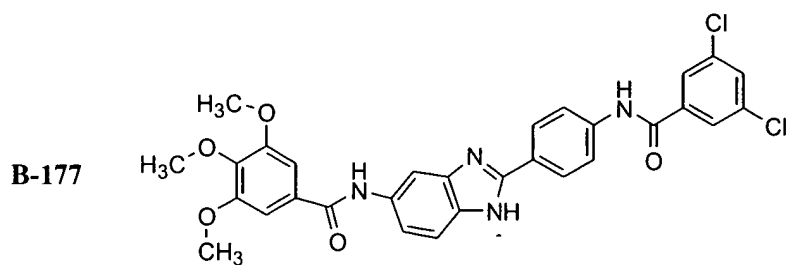


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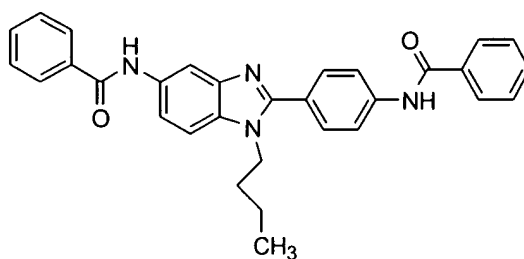


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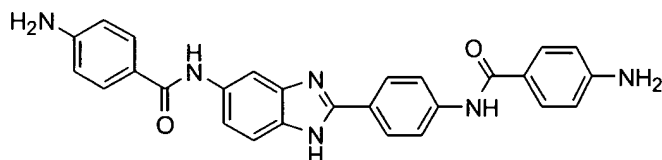
Int'l Filing Date : March 6, 2003



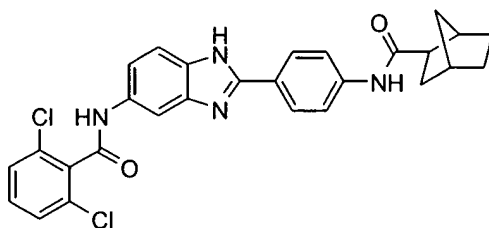
B-183



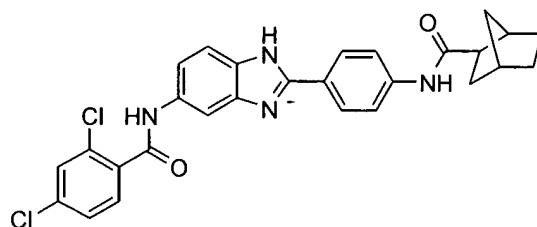
B-184



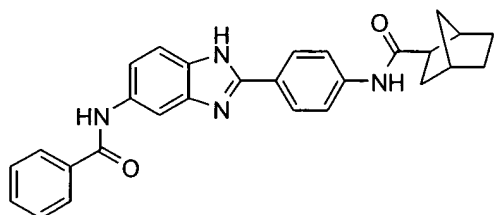
B-187



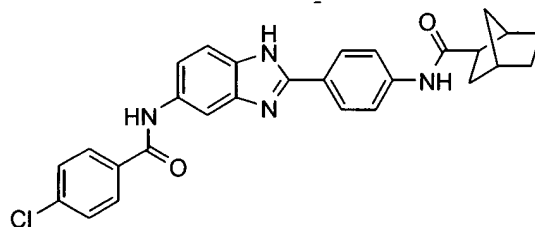
B-188



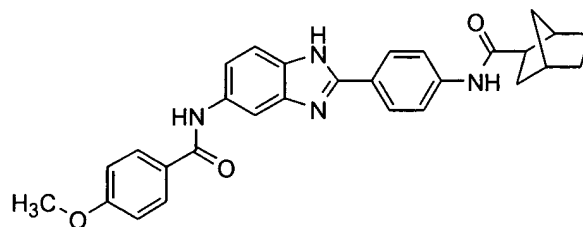
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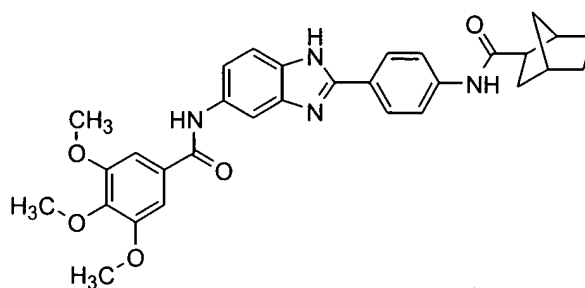


B-191

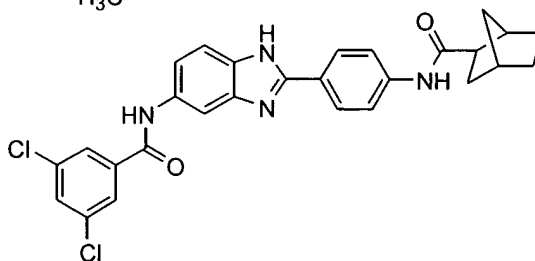




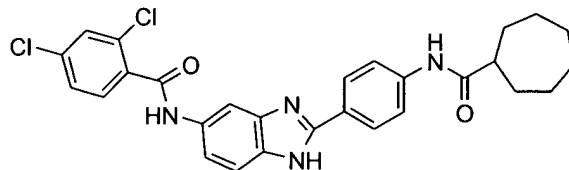
B-193



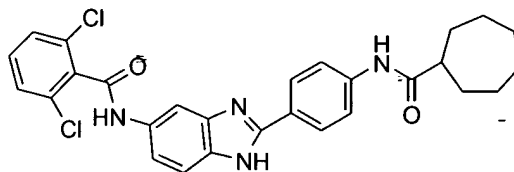
B-194



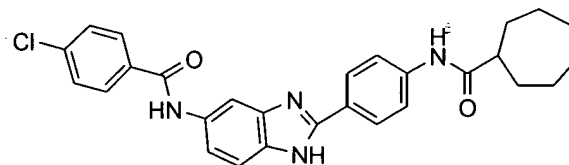
B-195



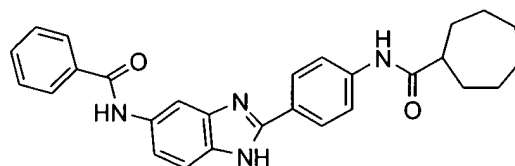
B-196



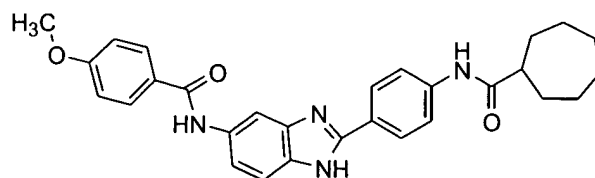
B-199



B-200

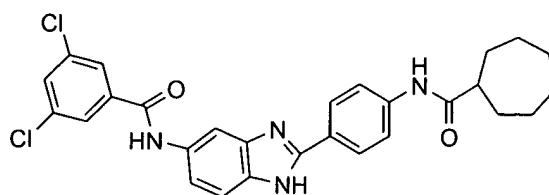


B-202

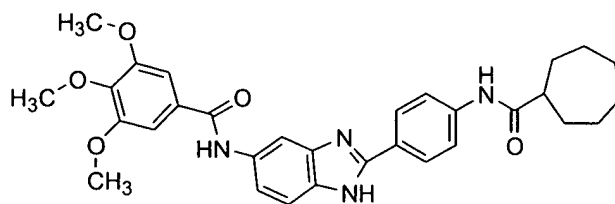


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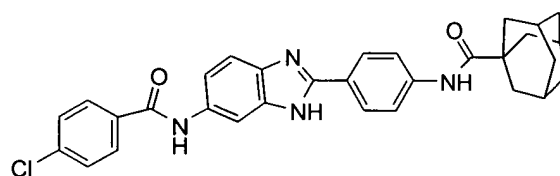
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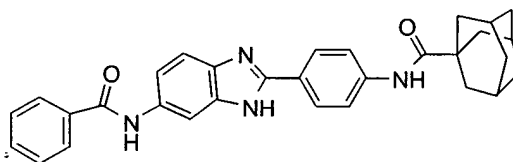
B-204



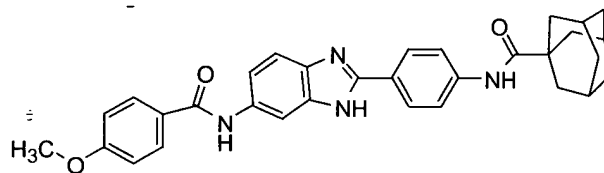
B-207



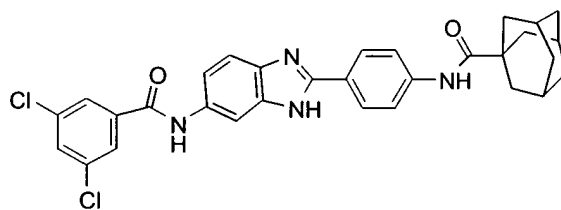
B-208



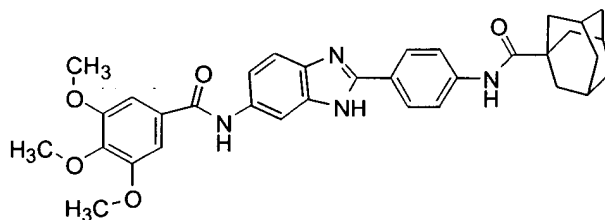
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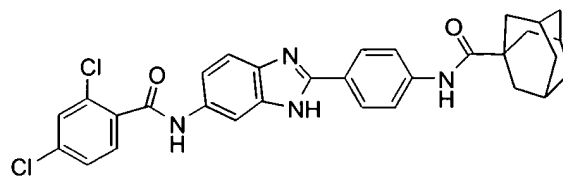


B-212

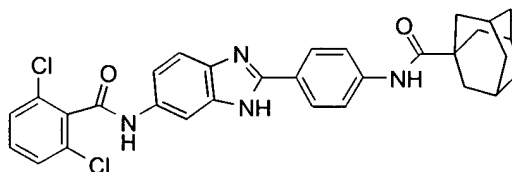


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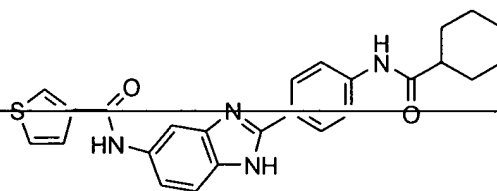
B-213



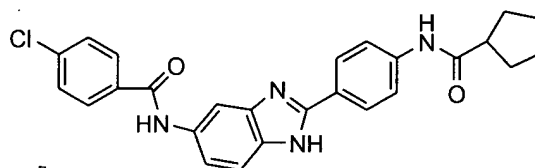
B-214



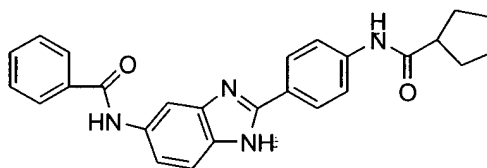
B-215



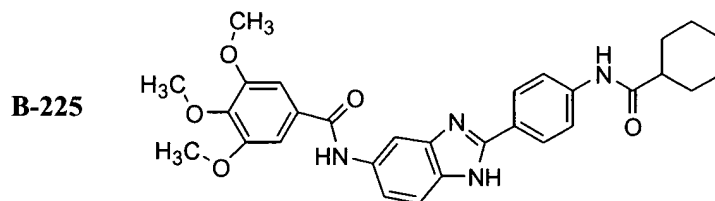
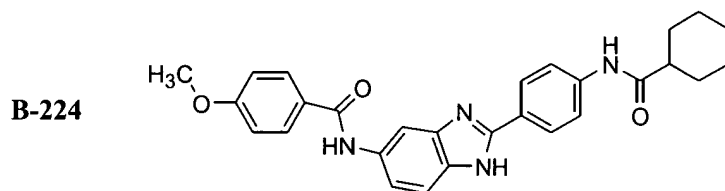
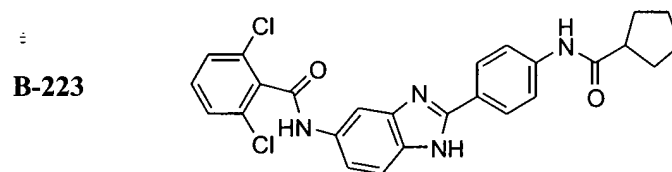
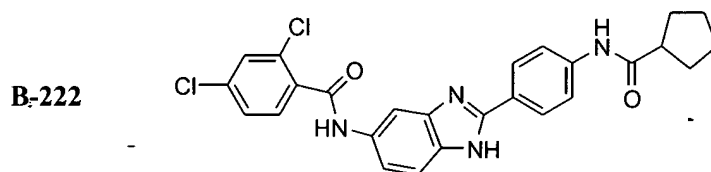
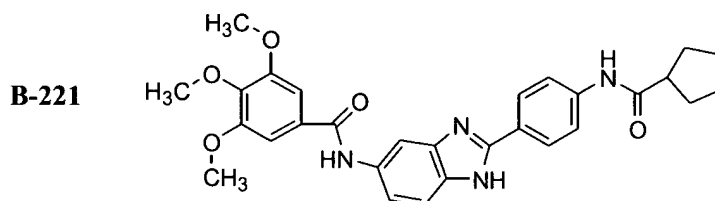
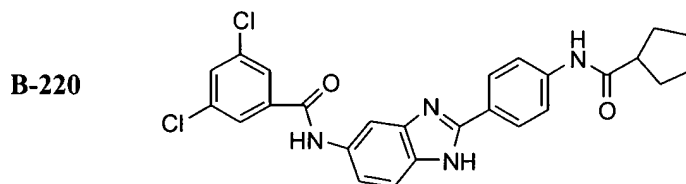
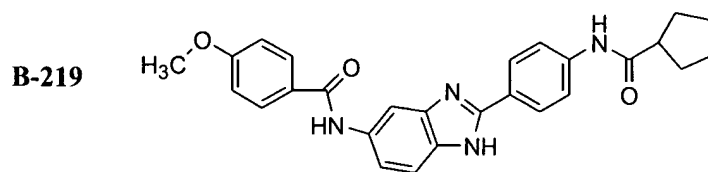
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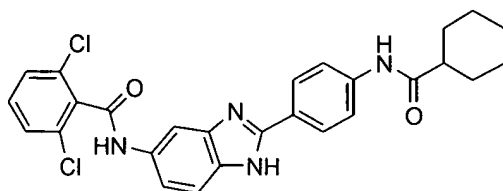
Int'l Appl. No. : PCT/US03/06981  
Int'l Filing Date : March 6, 2003



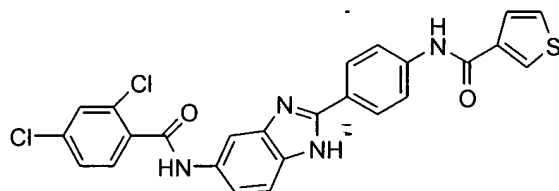
Int'l Appl. No. : PCT/US03/06981

Int'l Filing Date : March 6, 2003

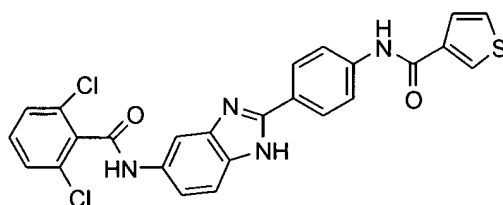
B-226



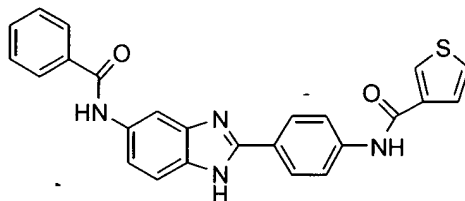
B-227



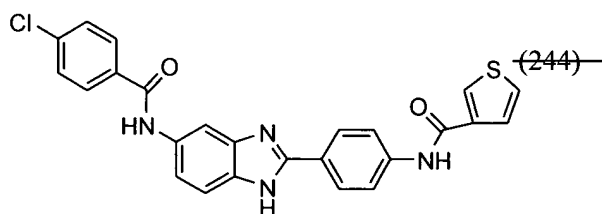
B-228



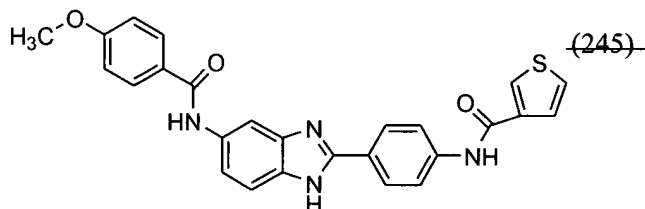
B-243



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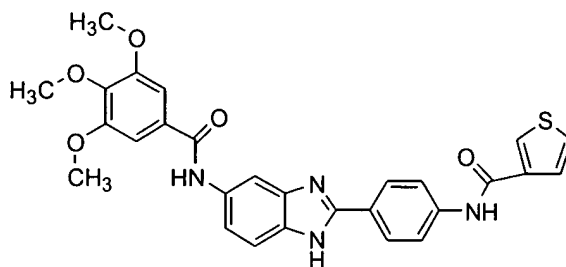
B-245



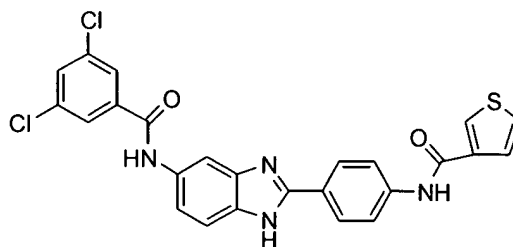
Int'l Appl. No. : PCT/US03/06981

Int'l Filing Date : March 6, 2003

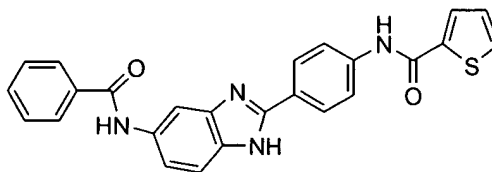
B-247



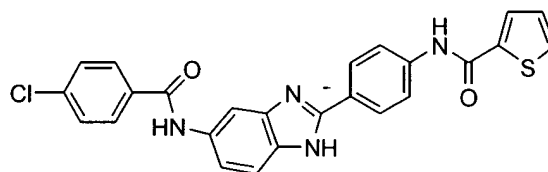
B-248



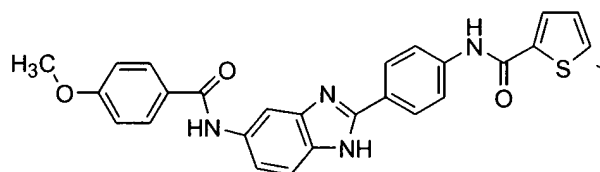
B-249



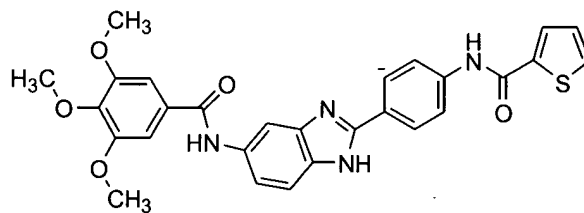
B-250



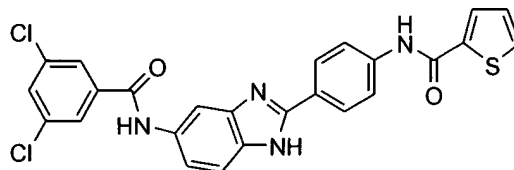
B-251



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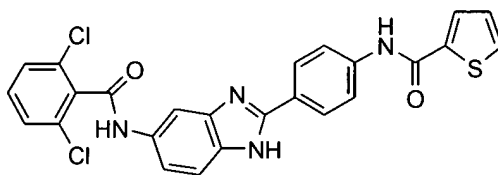


B-254

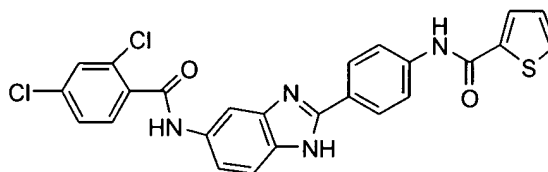


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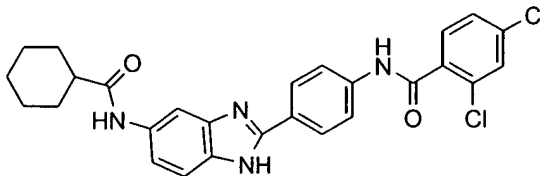
B-255



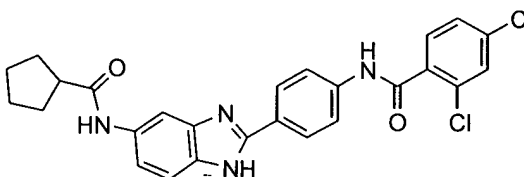
B-256



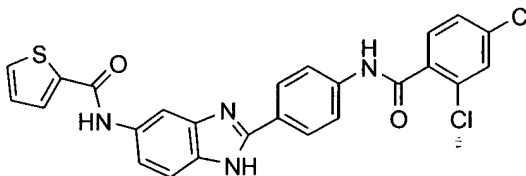
B-263



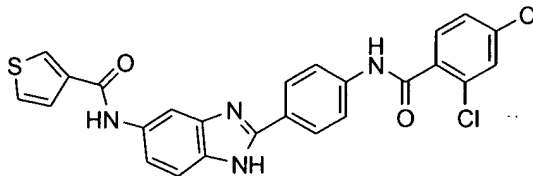
B-264



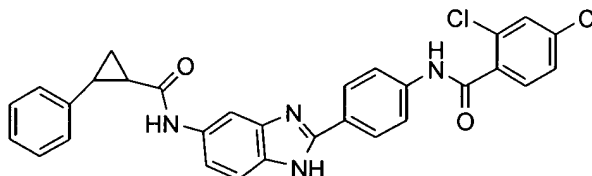
B-265



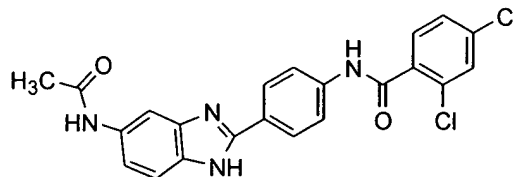
B-266



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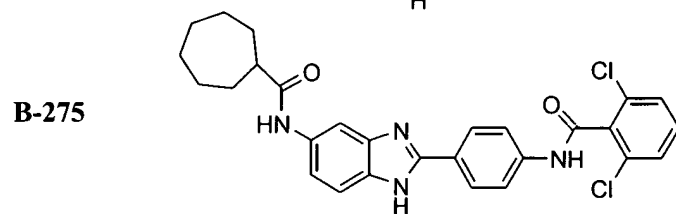
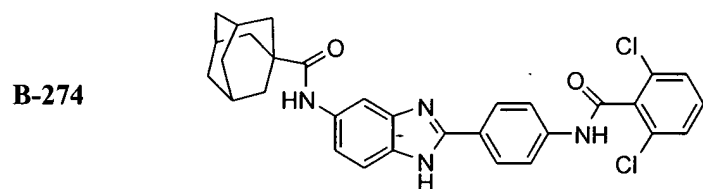
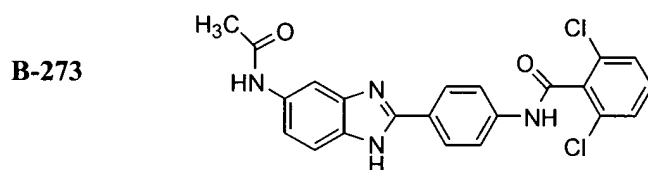
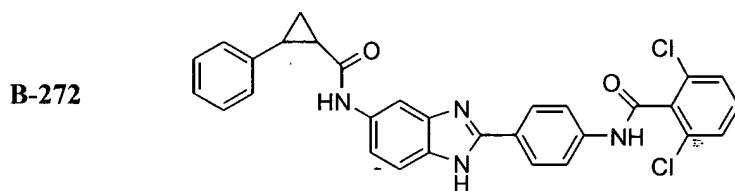
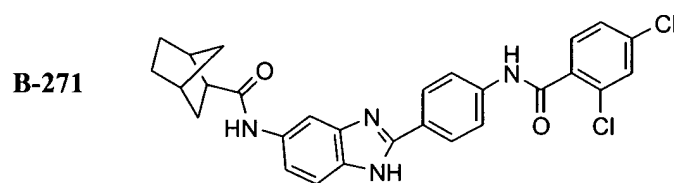
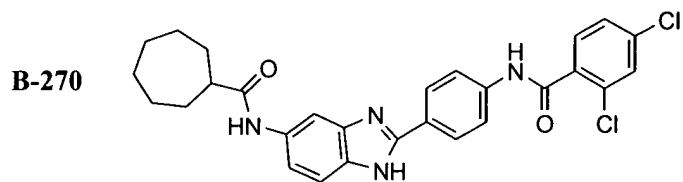
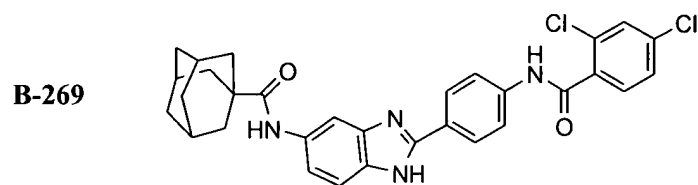


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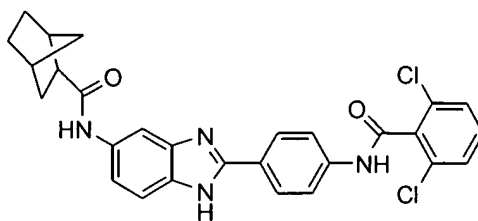
Int'l Appl. No. : PCT/US03/06981

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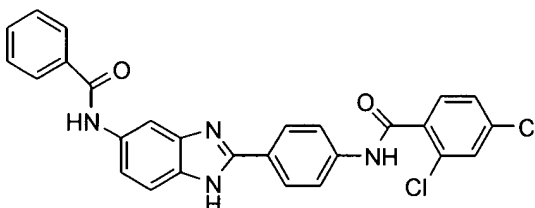




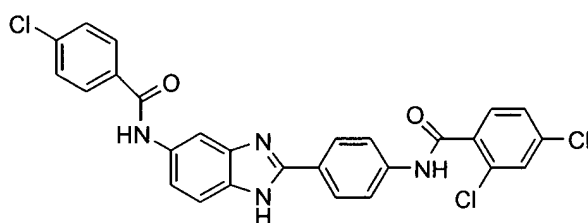
B-276



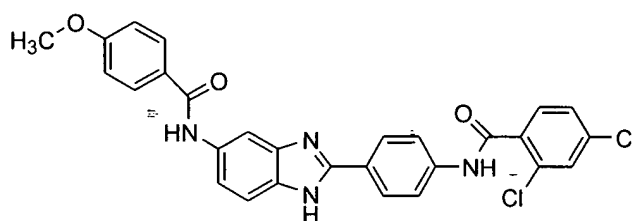
B-277



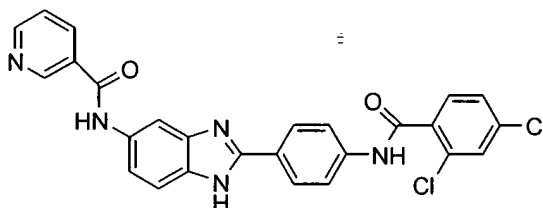
B-278



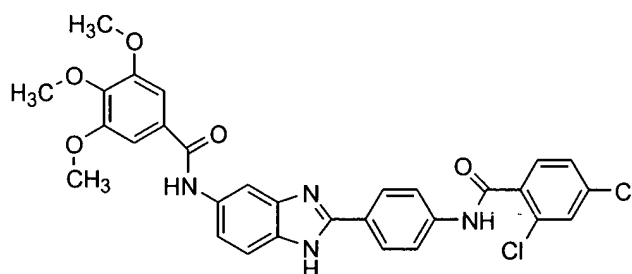
B-279



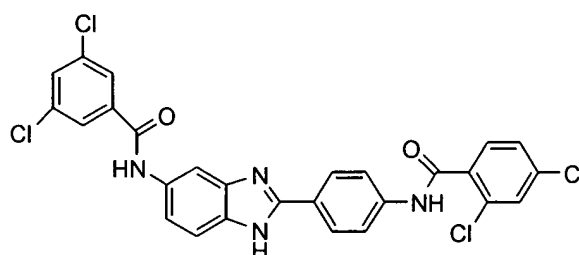
B-280



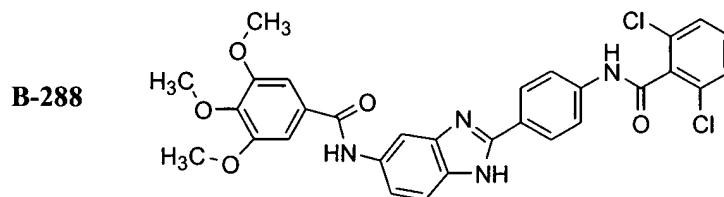
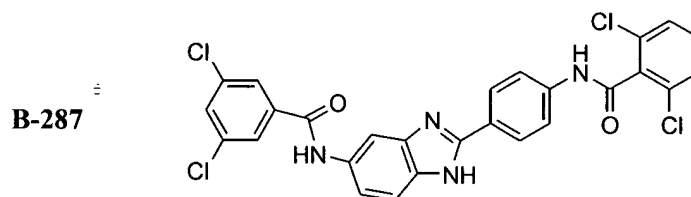
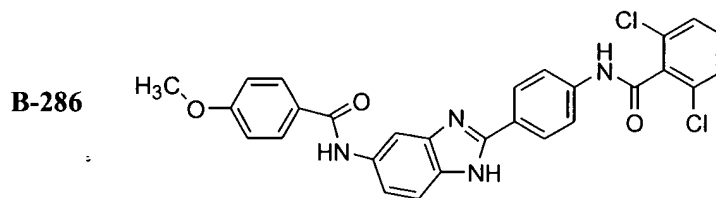
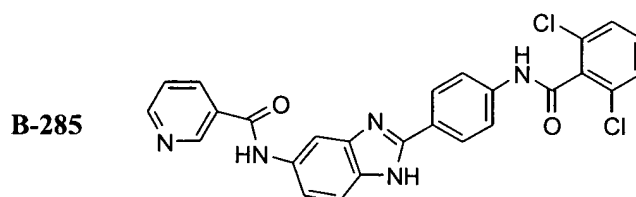
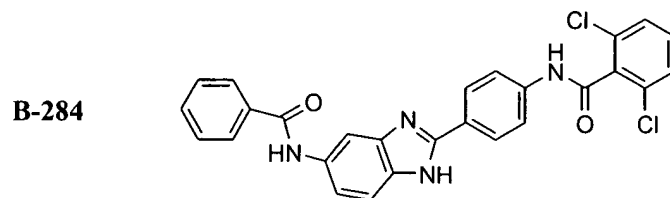
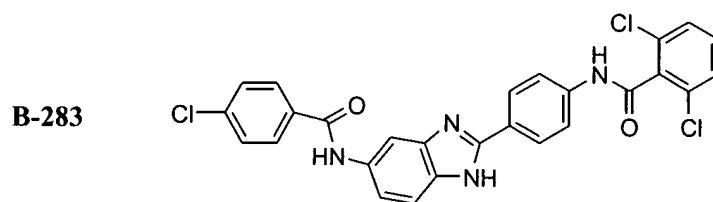
B-281



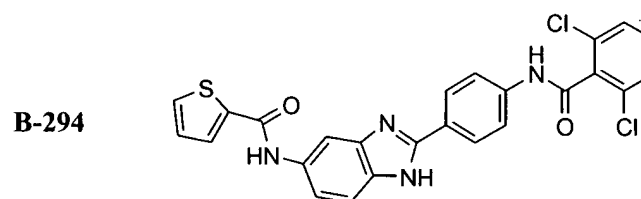
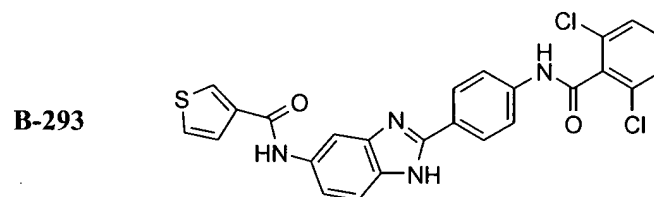
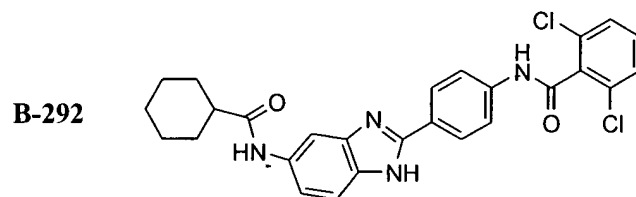
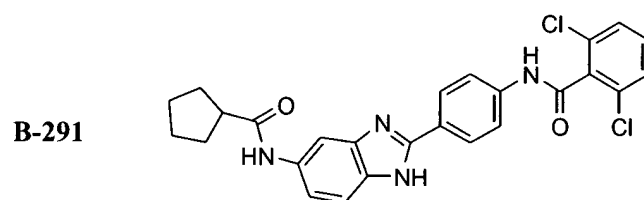
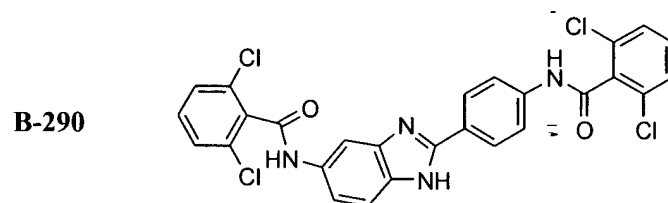
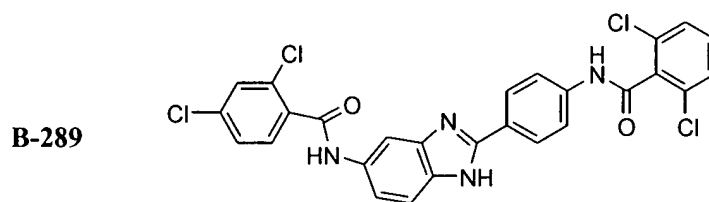
B-282



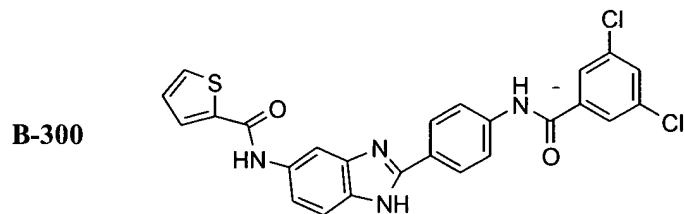
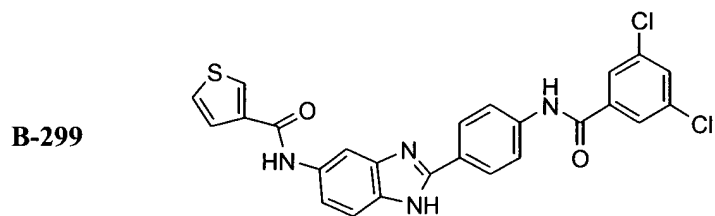
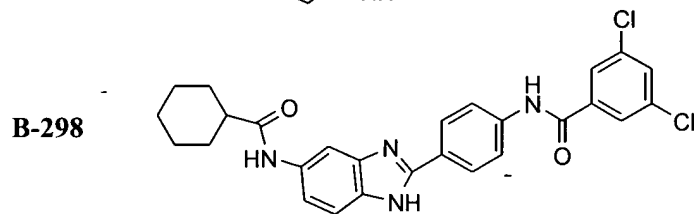
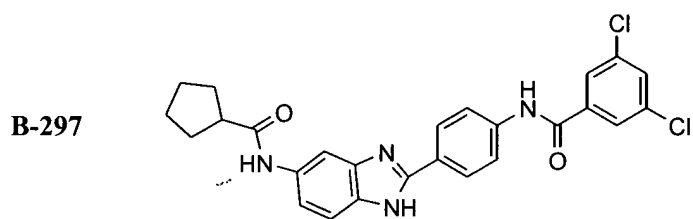
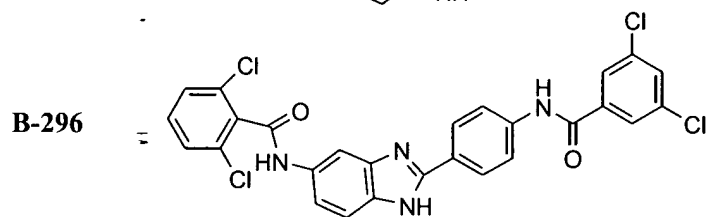
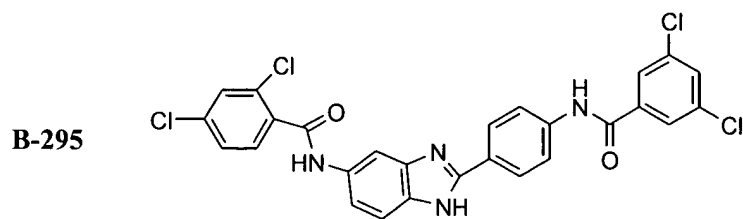
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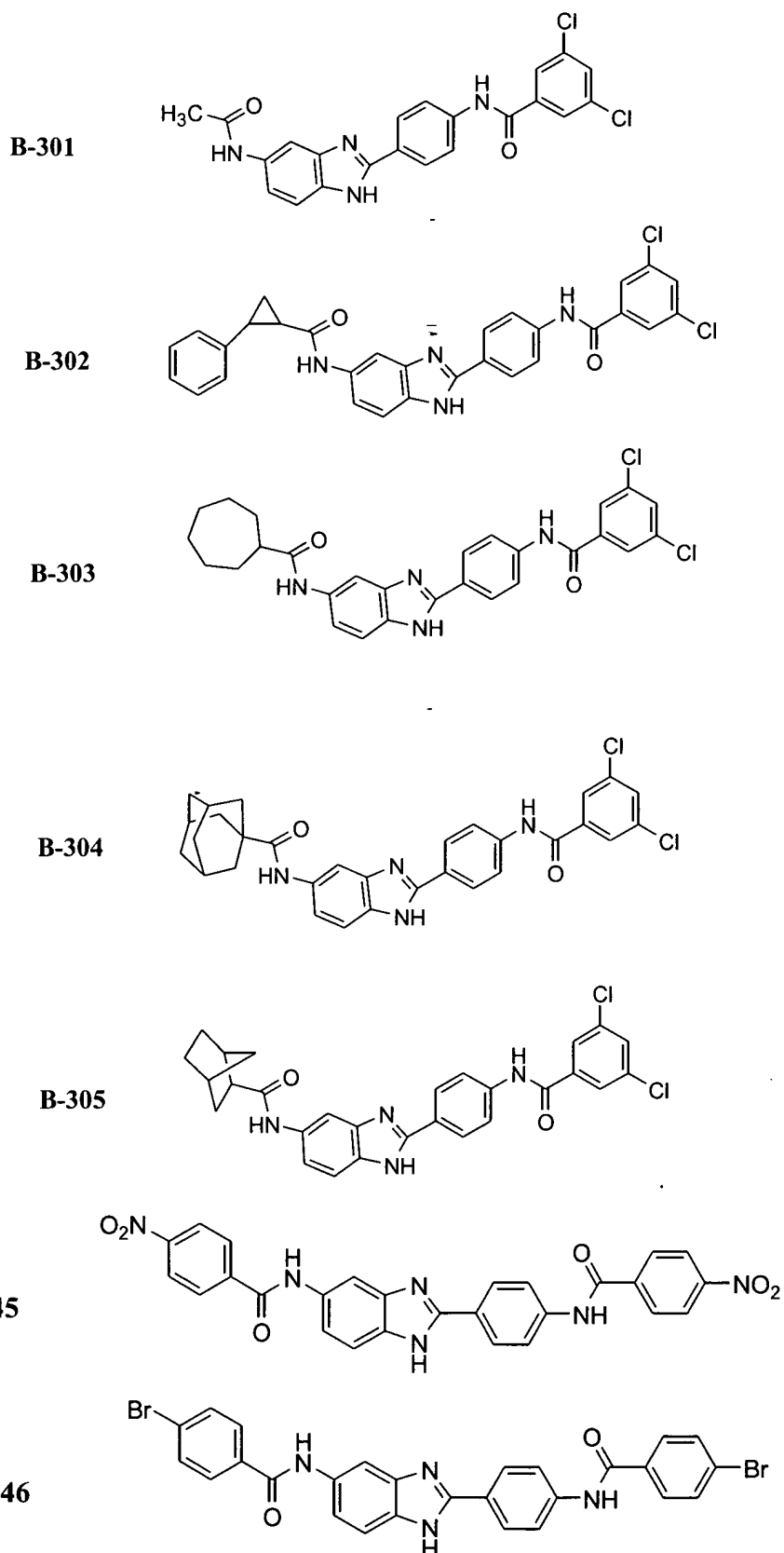


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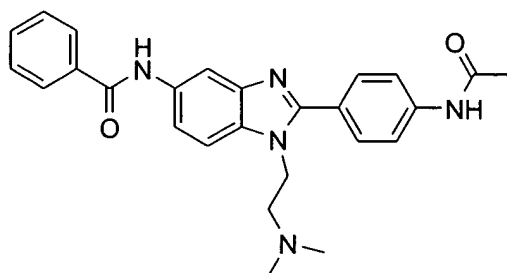
Int'l Appl. No. : PCT/US03/06981  
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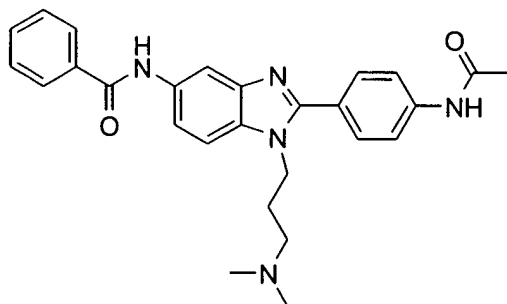


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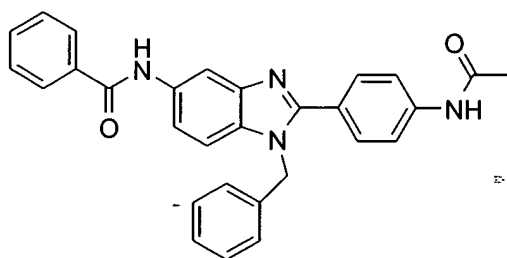
E-872



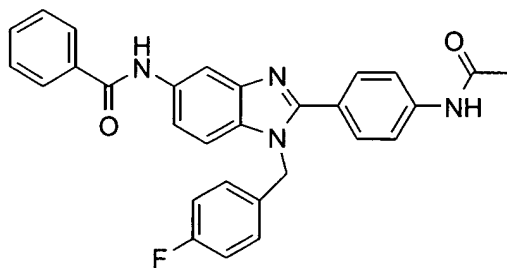
E-873



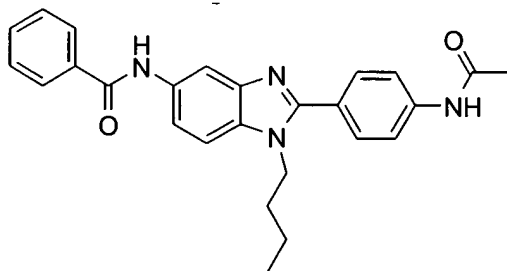
E-874



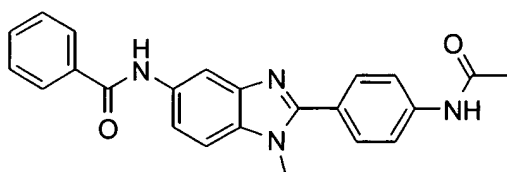
E-875



E-876

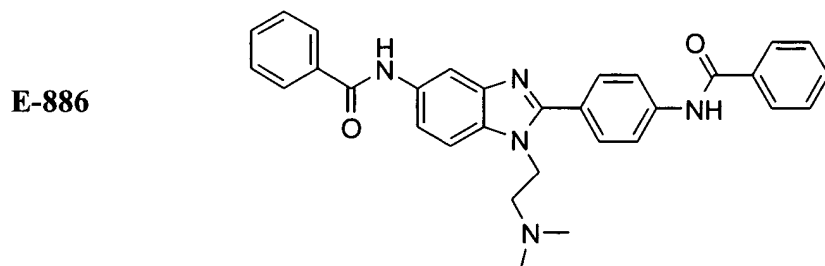
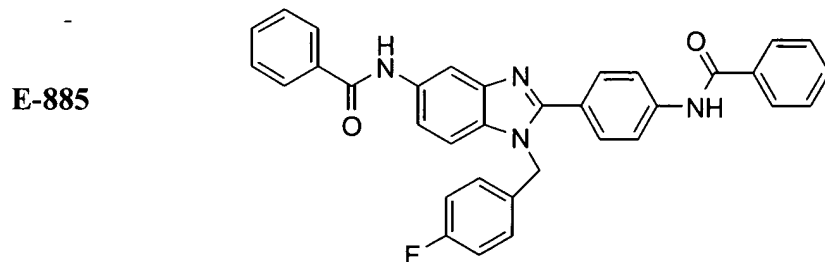
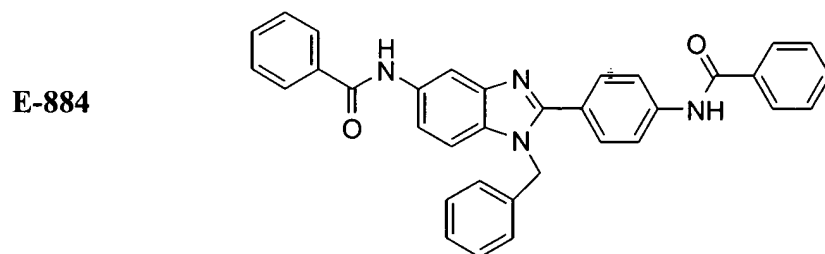
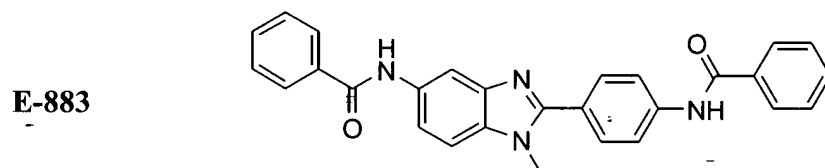
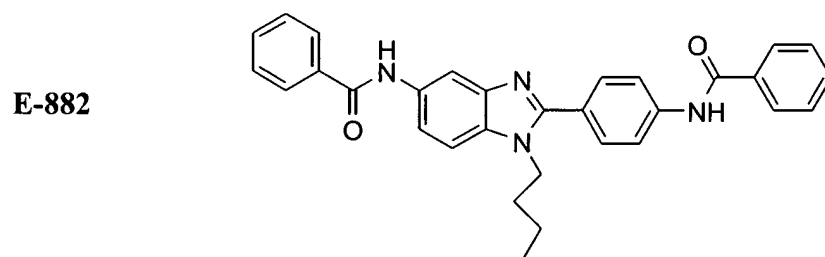
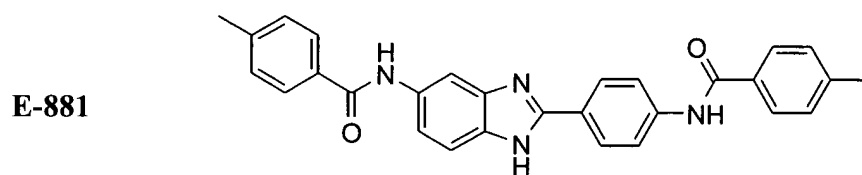
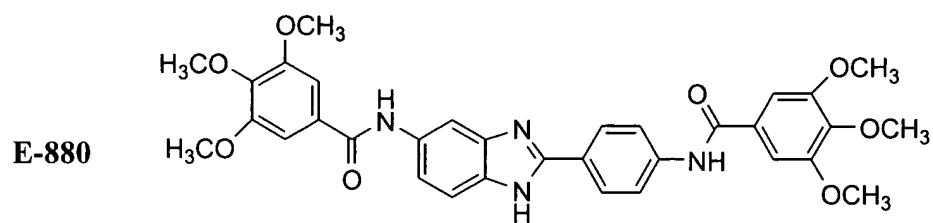


E-877

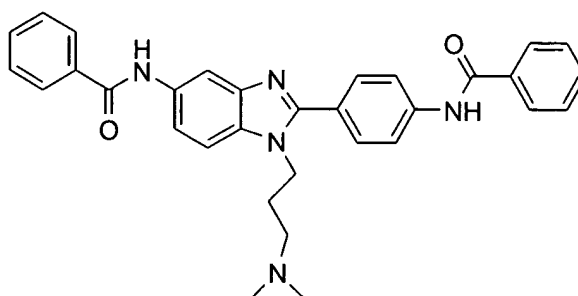


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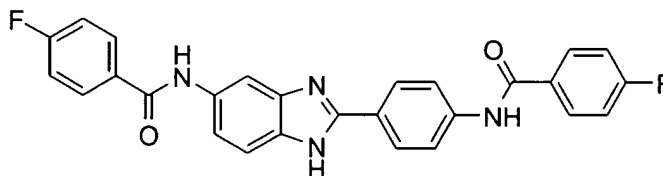
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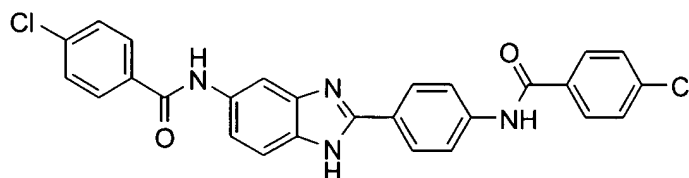
E-887



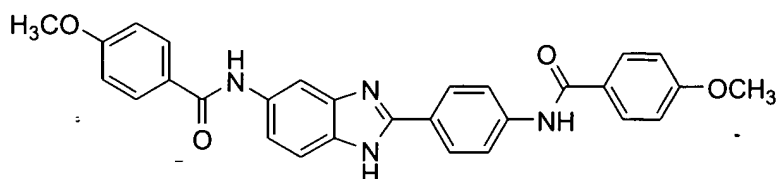
E-888



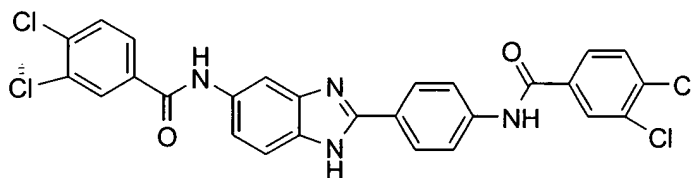
E-889



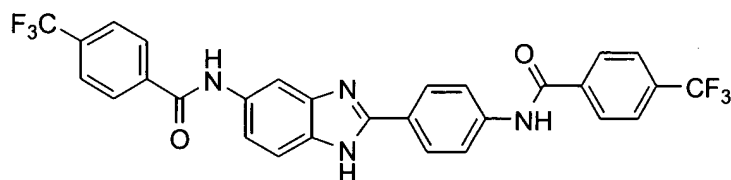
E-890



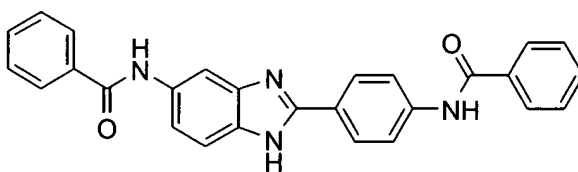
E-892



E-889



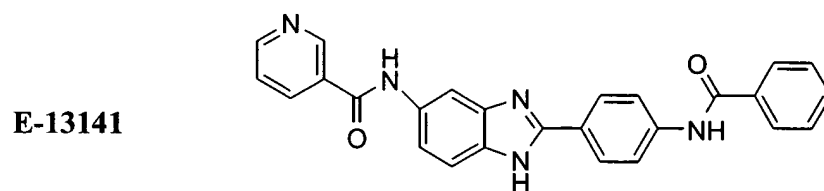
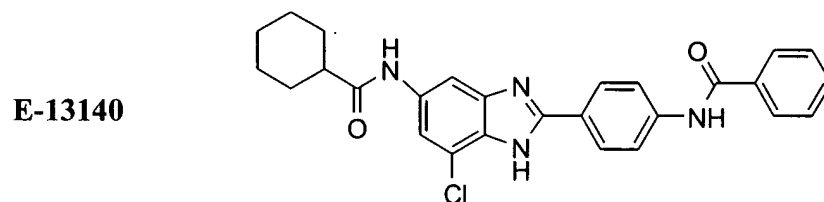
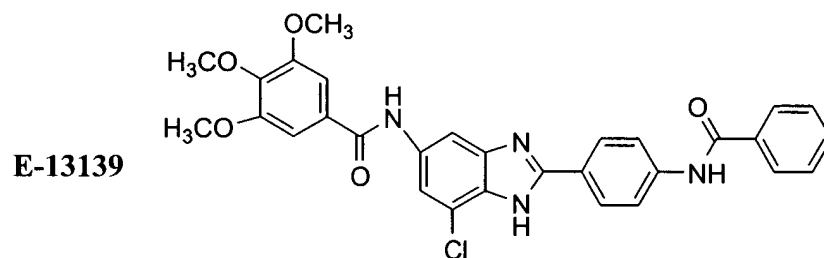
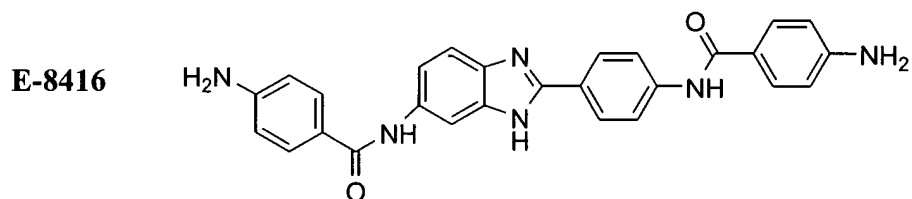
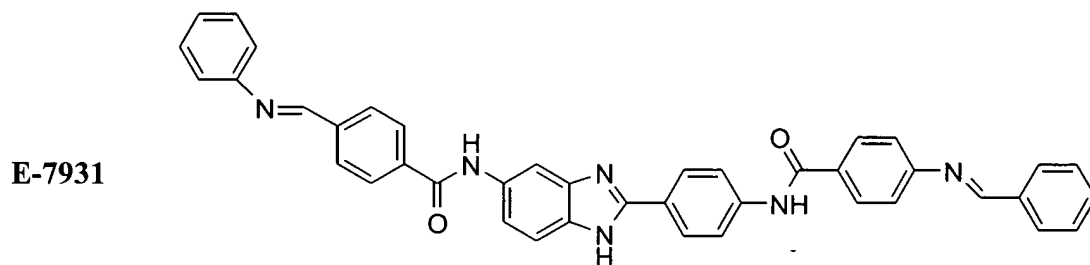
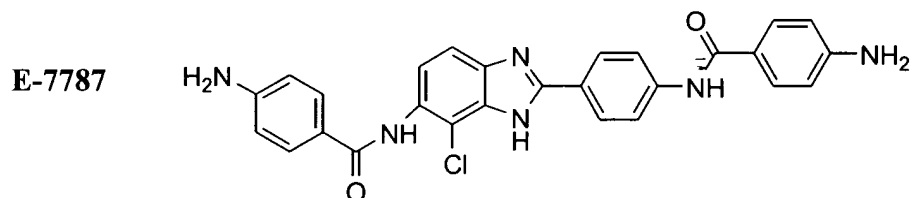
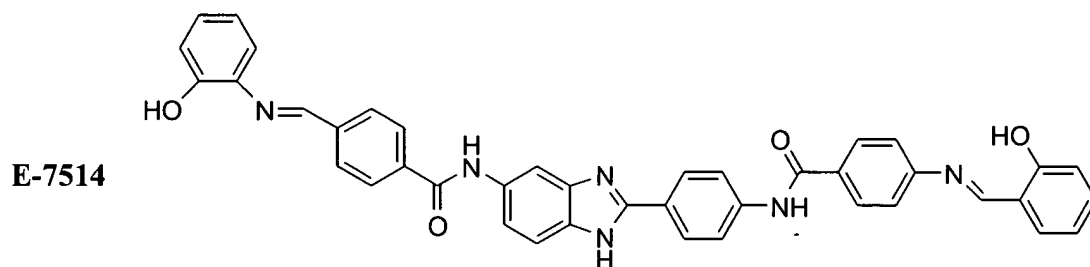
E-6357



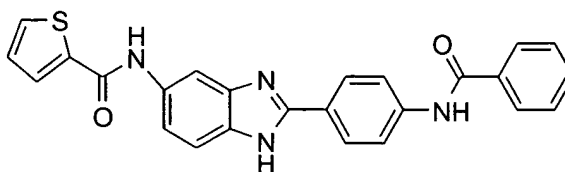


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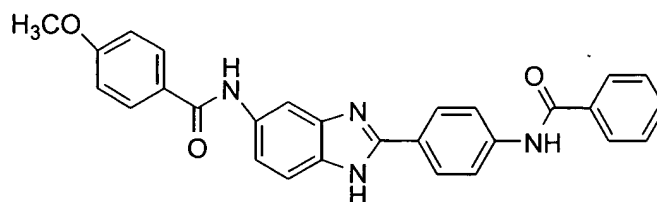
Int'l Filing Date : March 6, 2003



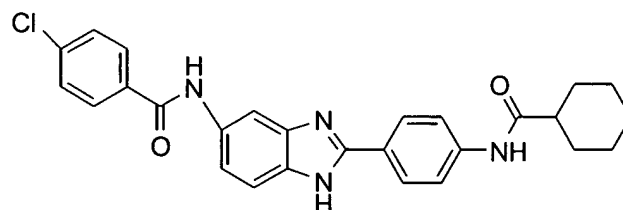
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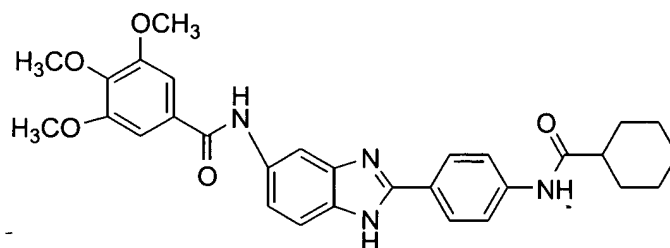
E-13143



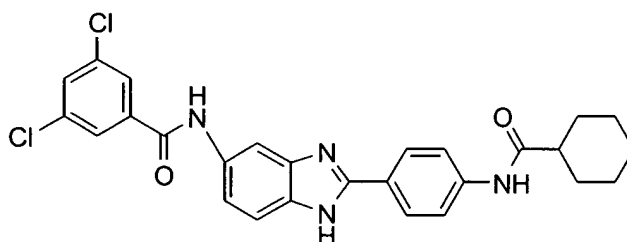
E-13168



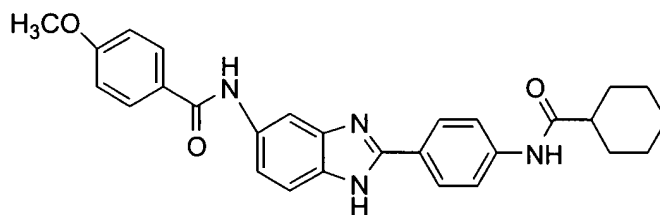
E-13169



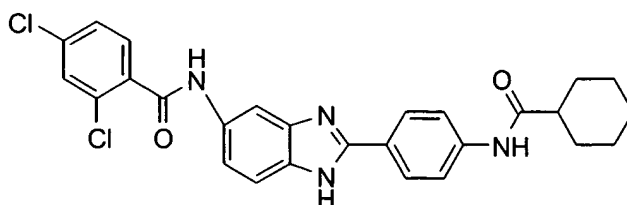
E-13192



E-13199

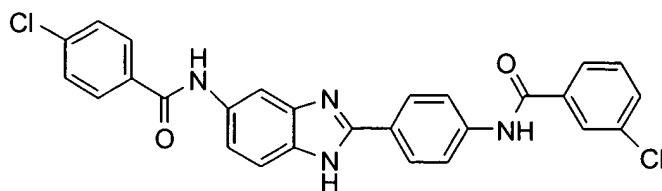


E-13201

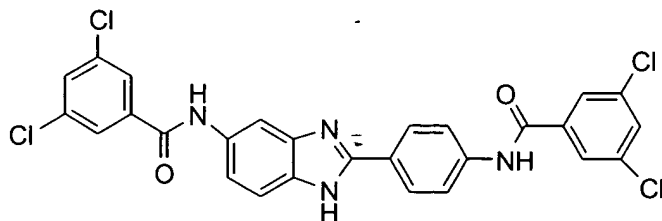


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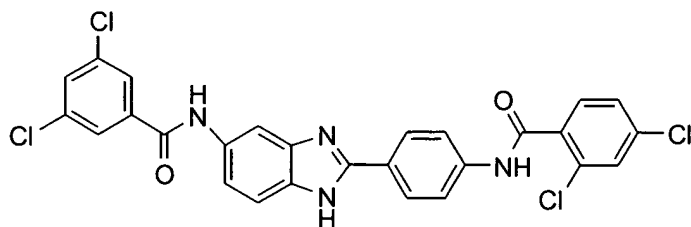
E-13204



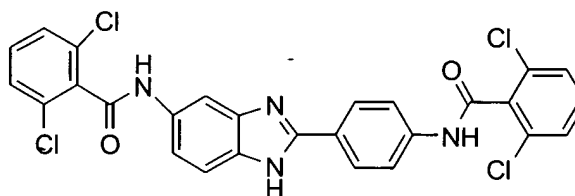
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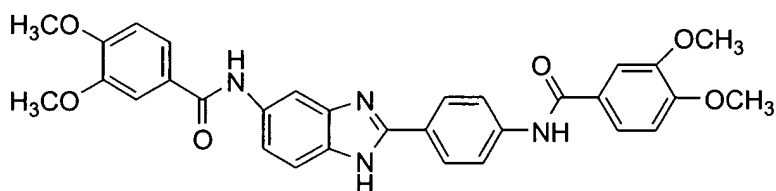
E-13206



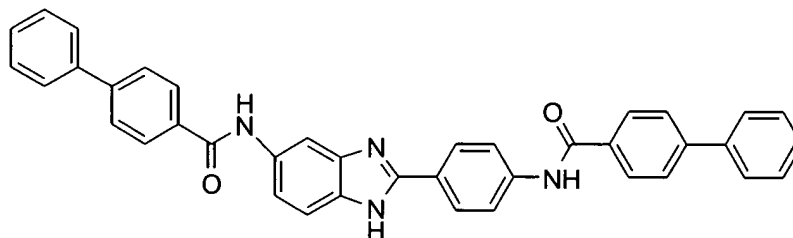
E-13207



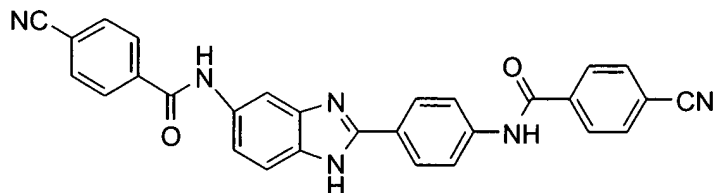
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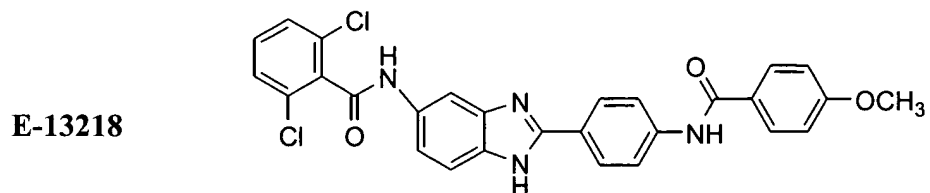
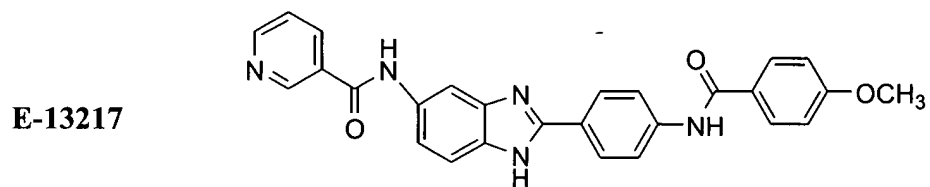
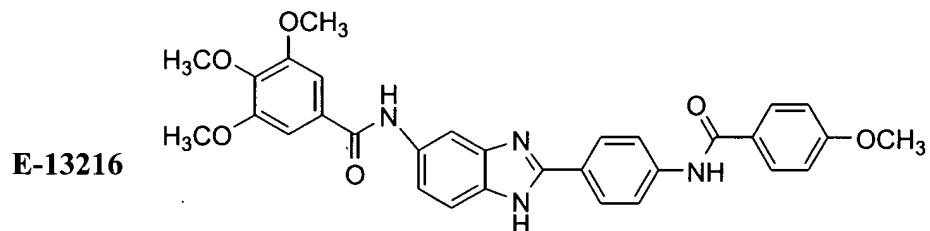
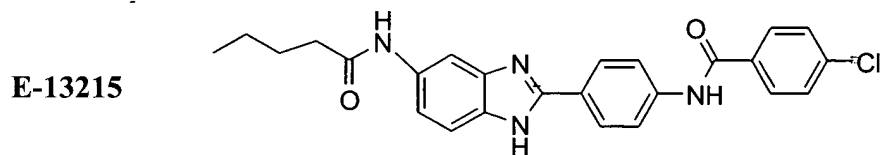
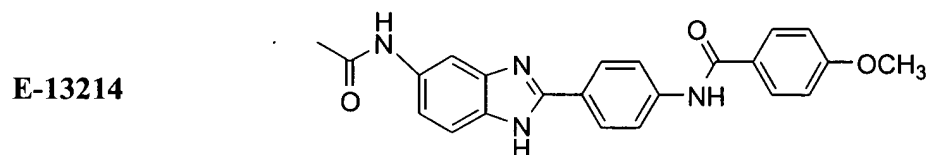
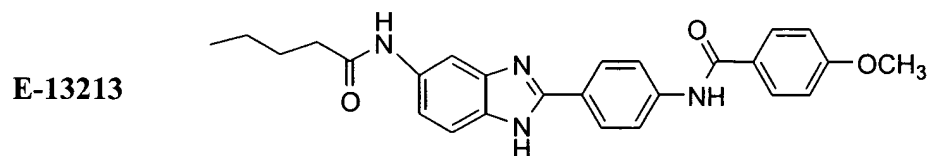
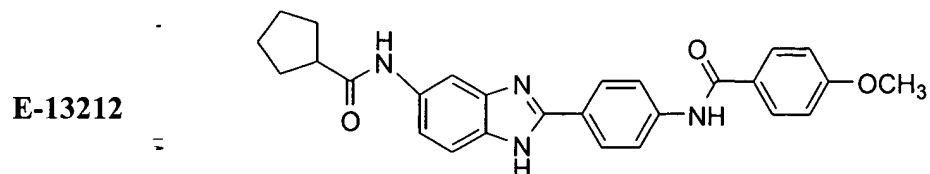
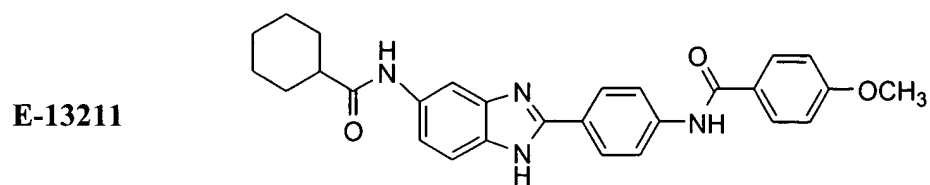


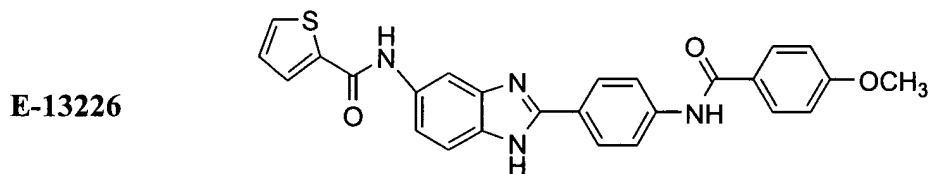
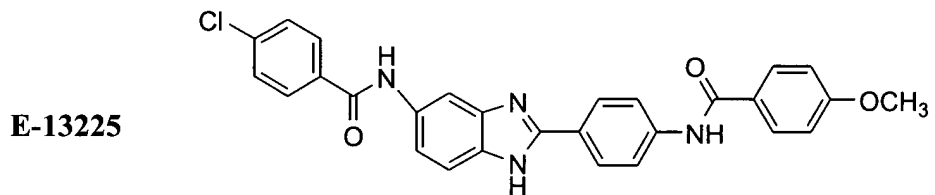
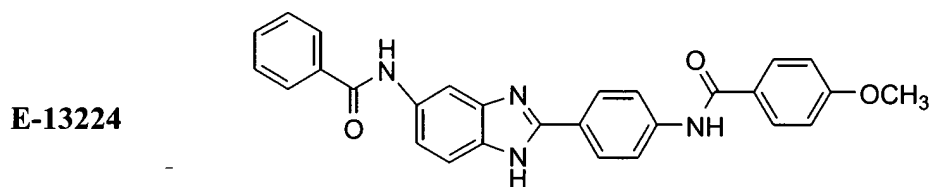
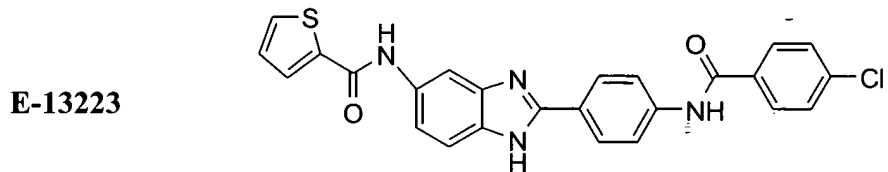
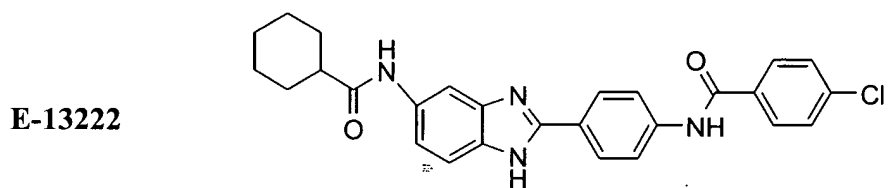
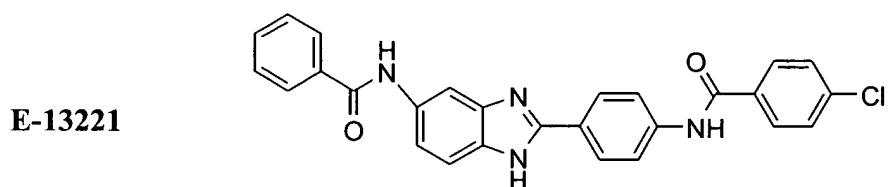
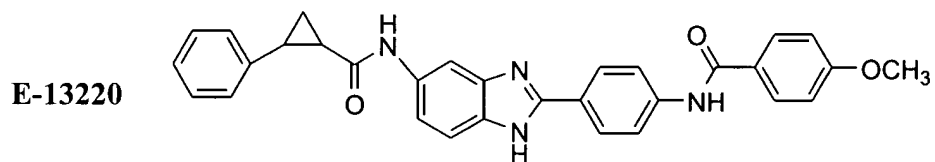
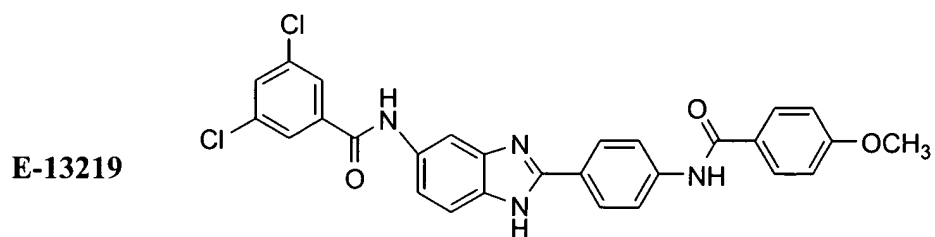
E-13209



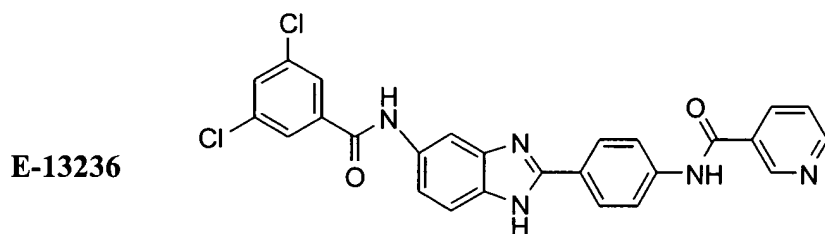
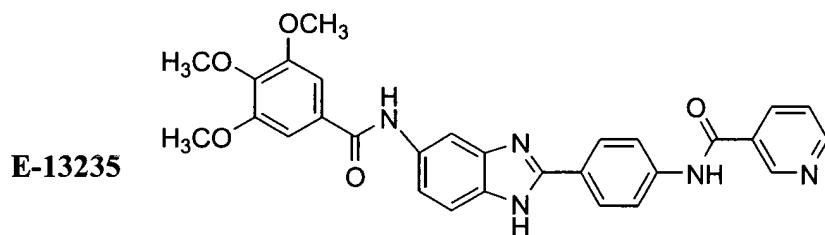
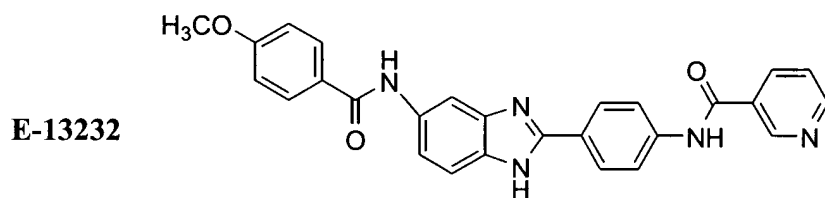
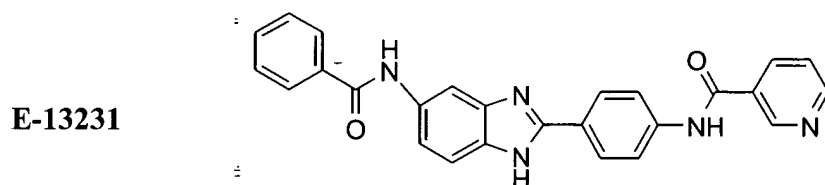
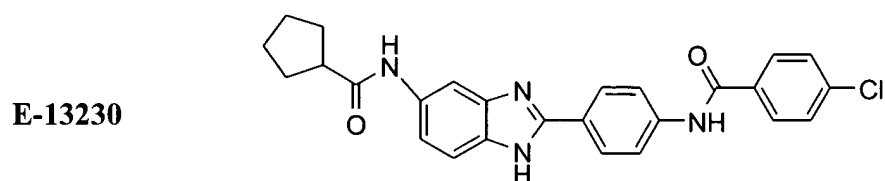
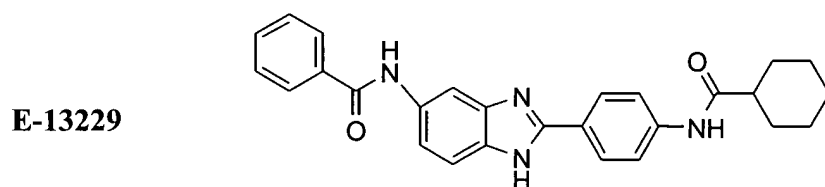
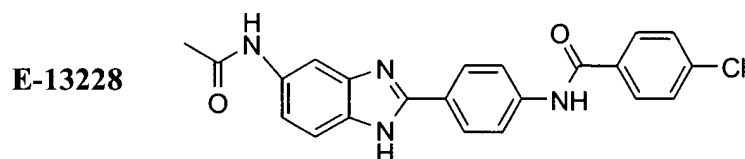
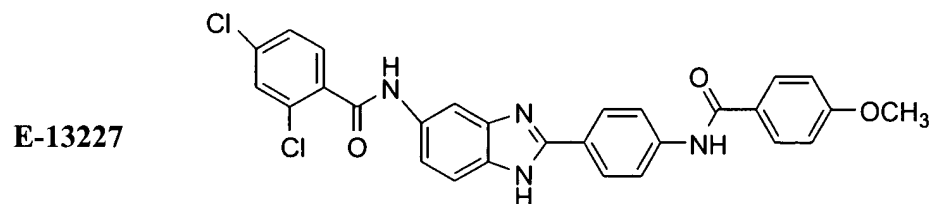
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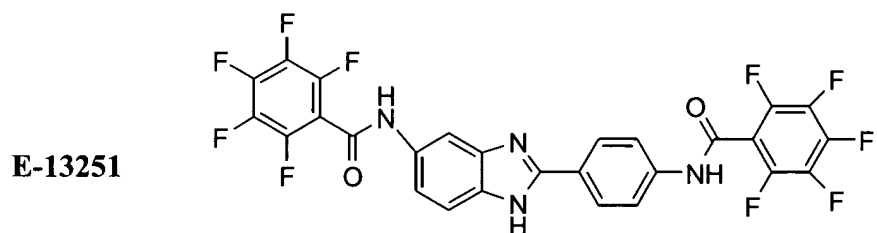
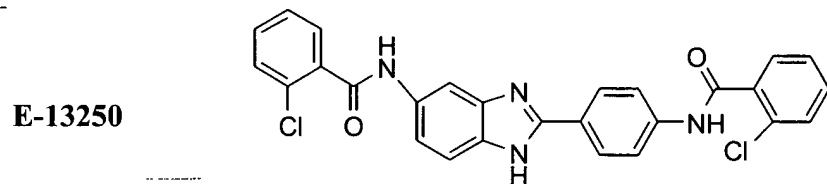
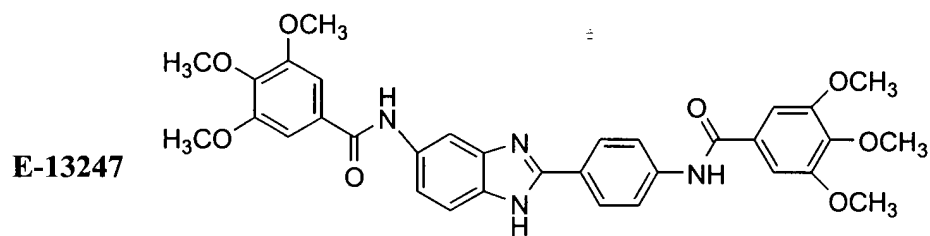
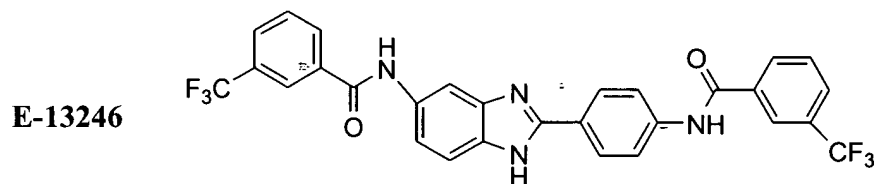
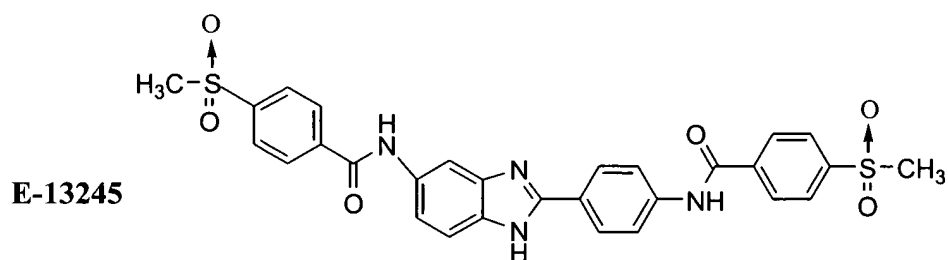
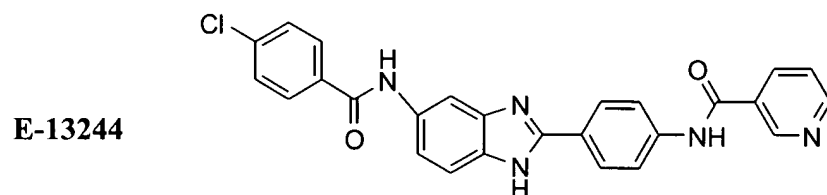
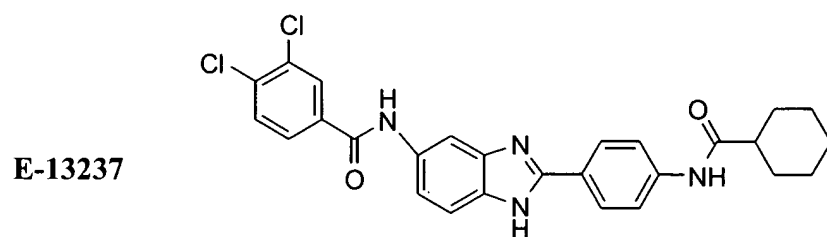


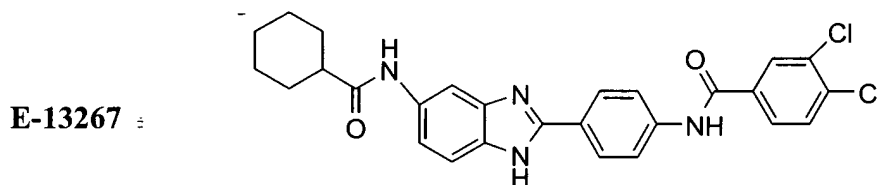
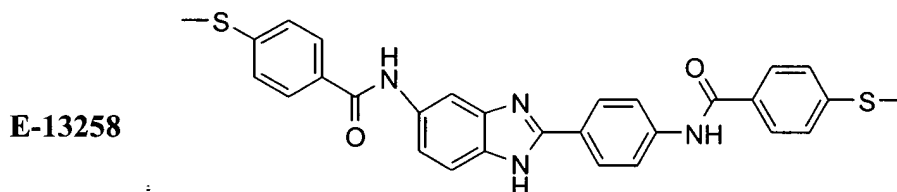
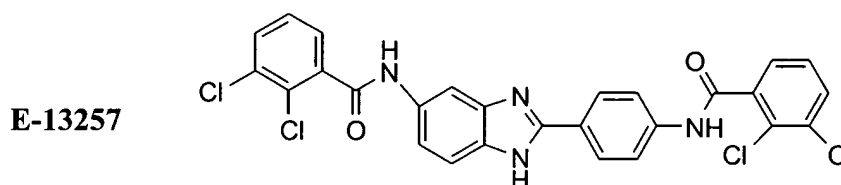
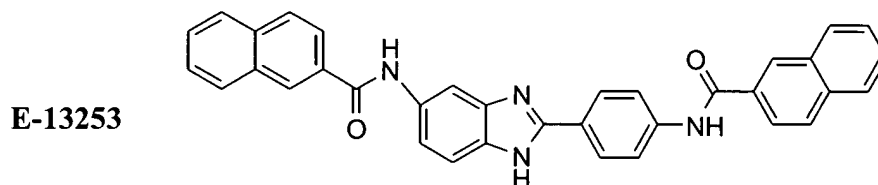
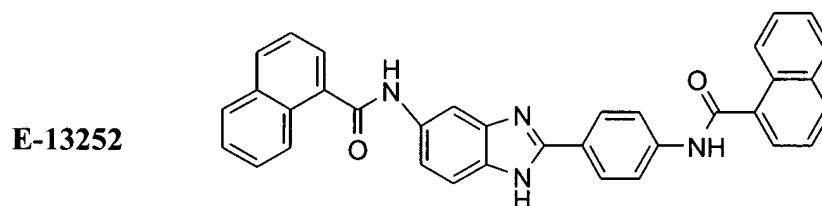




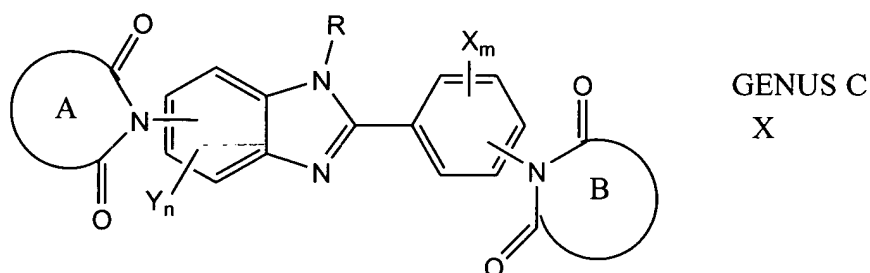
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5. (Original) A method for the treatment of cancer comprising administration of a formulation comprising at least one compound of a pharmaceutical composition of the formulae:



wherein:

X and Y may be different or the same and are independently selected from the group consisting of H, halogen, alkyl, alkoxy, aryl, substituted aryl, hydroxy, amino, alkylamino, cycloalkyl, morpholine, thiomorpholine, nitro, cyano, CF<sub>3</sub>, OCF<sub>3</sub>, COR<sub>1</sub>, COOR<sub>1</sub>, CONH<sub>2</sub>, CONHR<sub>1</sub>, and NHCOR<sub>1</sub>;



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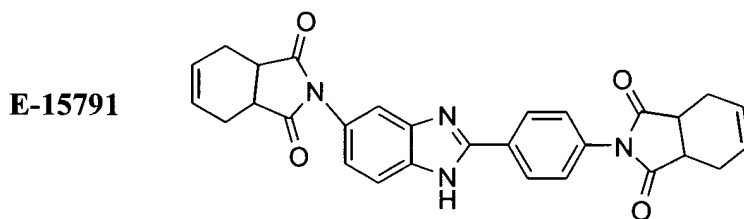
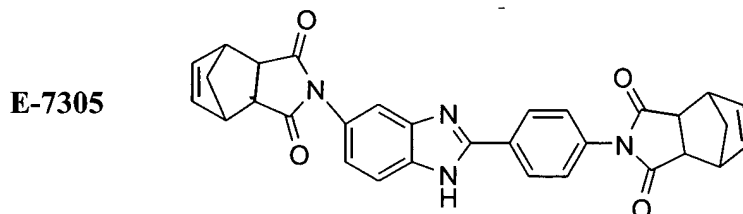
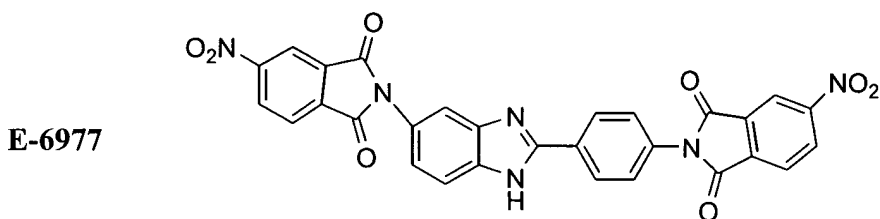
n is an integer from one to four;

m is an integer from one to four;

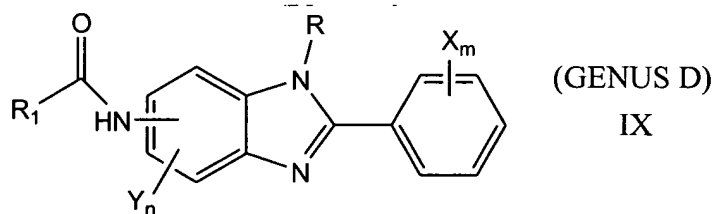
R is selected from the group consisting of H, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, C<sub>3</sub>H<sub>7</sub>, C<sub>4</sub>H<sub>9</sub>, CH<sub>2</sub>Ph, CH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>-F(p-), COCH<sub>3</sub>, COCH<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>, and CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>; and

A and B rings independently comprise unsubstituted or substituted carbon atoms ranging from four carbon atoms to ten carbon atoms.

6. (Original) The method of Claim 5, wherein method for the treatment of cancer comprises administering a formulation comprising at least one compound selected from the group consisting of



7. (Original) A method for the treatment of cancer comprising administration of a formulation comprising at least one compound of a pharmaceutical composition of the formulae:



wherein:

X and Y may be different or the same and are independently selected from the group consisting of H, halogen, alkyl, alkoxy, aryl, substituted aryl, hydroxy, amino,

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alkylamino, cycloalkyl, morpholine, thiomorpholine, nitro, cyano,  $\text{CF}_3$ ,  $\text{OCF}_3$ ,  $\text{COR}_1$ ,  $\text{COOR}_1$ ,  $\text{CONH}_2$ ,  $\text{CONHR}_1$ , and  $\text{NHCOR}_1$ ;

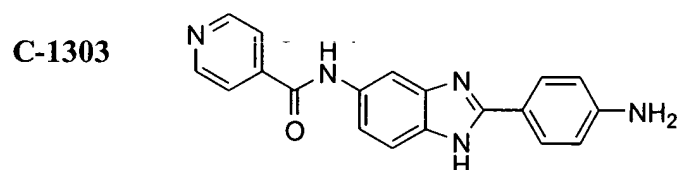
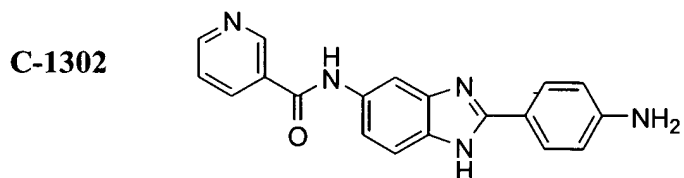
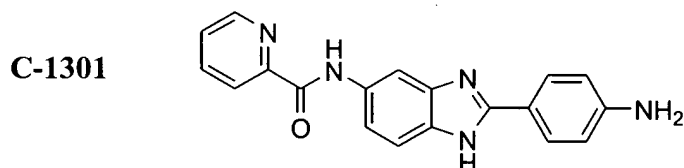
n is an integer from one to three;

m is an integer from one to four;

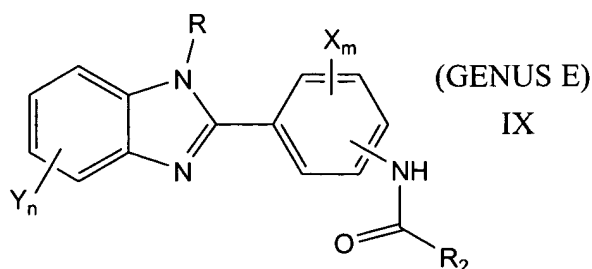
R is selected from the group consisting of H,  $\text{CH}_3$ ,  $\text{C}_2\text{H}_5$ ,  $\text{C}_3\text{H}_7$ ,  $\text{C}_4\text{H}_9$ ,  $\text{CH}_2\text{Ph}$ ,  $\text{CH}_2\text{C}_6\text{H}_4\text{-F(p-)}$ ,  $\text{COCH}_3$ ,  $\text{COCH}_2\text{CH}_3$ ,  $\text{CH}_2\text{CH}_2\text{N}(\text{CH}_3)_2$ , and  $\text{CH}_2\text{CH}_2\text{CH}_2\text{N}(\text{CH}_3)_2$ ; and

$\text{R}_1$  is selected from the group consisting of H, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, polycycloalkyl, substituted polycycloalkyl, polycycloalkenyl, substituted polycycloalkenyl, arylalkyl, substituted arylalkyl, heteroarylalkyl, substituted heteroarylalkyl, arylcycloalkyl, substituted arylcycloalkyl, heteroarylalkyl, substituted heteroarylalkyl, heterocyclic ring, substituted heterocyclic ring, heteroatom, and substituted heteroatom.

8. (Original) - The method of Claim 7, wherein method for the treatment of cancer comprises administering a formulation comprising at least one compound selected from the group consisting of



9. (Currently amended) A method for the treatment of cancer comprising administration of a formulation comprising at least one compound of a pharmaceutical composition of the formulae:



wherein:

X and Y may be different or the same and are independently selected from the group consisting of H, halogen, alkyl, alkoxy, aryl, substituted aryl, fused aryl, hydroxy, amino, alkylamino, cycloalkyl, morpholine, thiomorpholine, nitro, cyano, CF<sub>3</sub>, OCF<sub>3</sub>, COOR<sub>1</sub>, COOR<sub>2</sub>, COOR<sub>1</sub>, COOR<sub>2</sub>, CONH<sub>2</sub>, CONHR<sub>1</sub>, CONHR<sub>2</sub>, and NHCOR<sub>1</sub>, NHCOR<sub>2</sub>;

n is an integer from one to three;

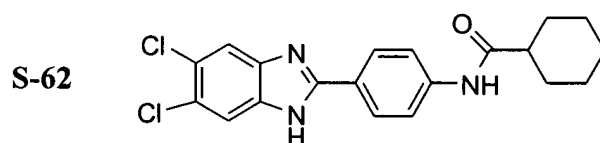
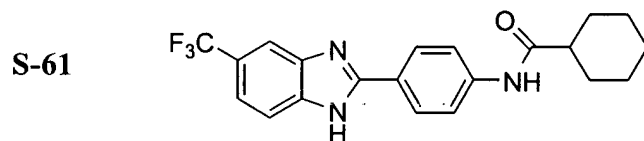
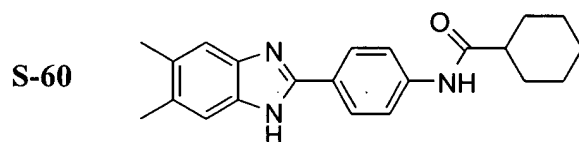
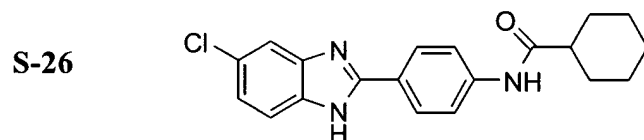
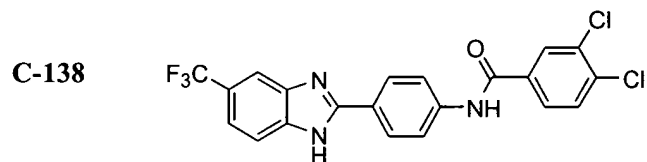
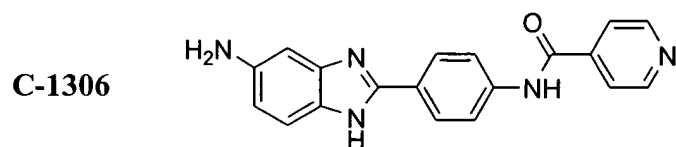
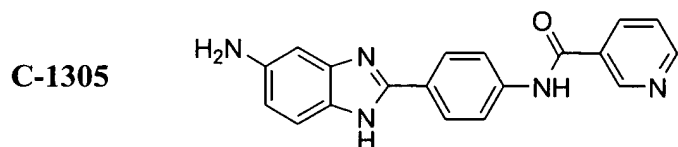
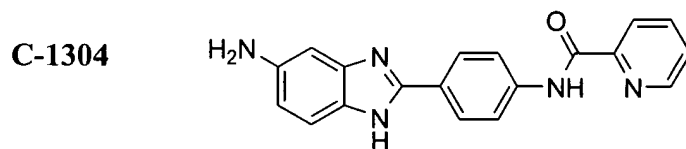
m is an integer from one to four;

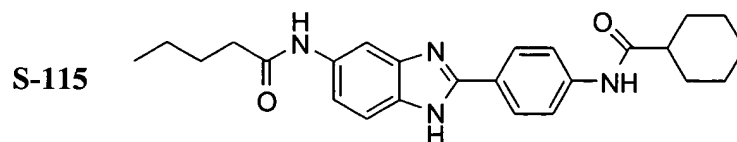
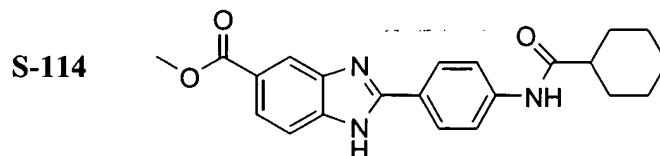
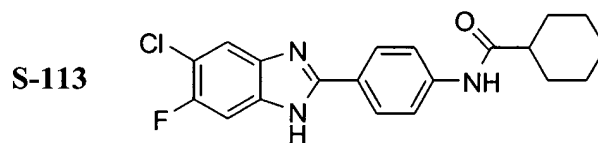
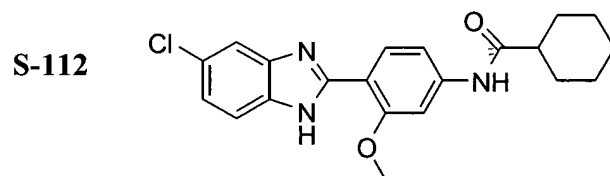
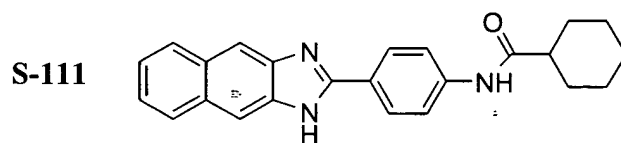
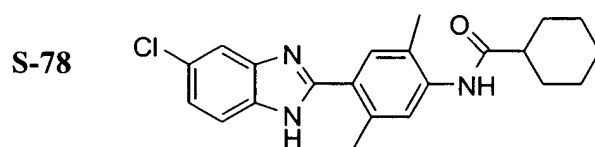
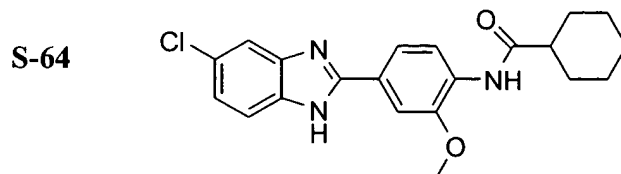
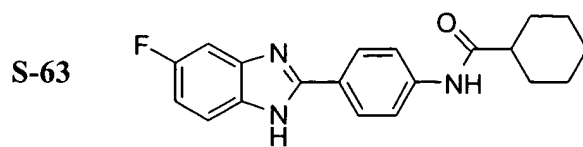
R is selected from the group consisting of H, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, C<sub>3</sub>H<sub>7</sub>, C<sub>4</sub>H<sub>9</sub>, CH<sub>2</sub>Ph, CH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>-F(p-), COCH<sub>3</sub>, COCH<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>, and CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>; and

R<sub>2</sub> is selected from the group consisting of H, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, aryl, substituted aryl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, polycycloalkyl, substituted polycycloalkyl, polycycloalkenyl, substituted polycycloalkenyl, arylalkyl, substituted arylalkyl, heteroarylalkyl, substituted heteroarylalkyl, arylcycloalkyl, substituted arylcycloalkyl, heteroarylcycloalkyl, substituted heteroarylcycloalkyl, heterocyclic ring, substituted heterocyclic ring, heteroatom, and substituted heteroatom.

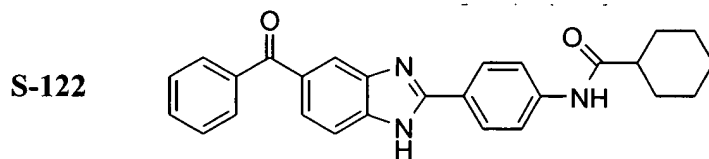
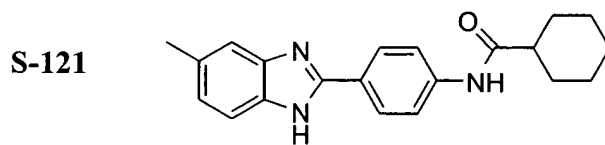
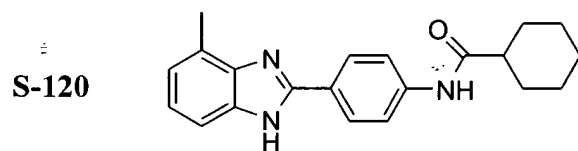
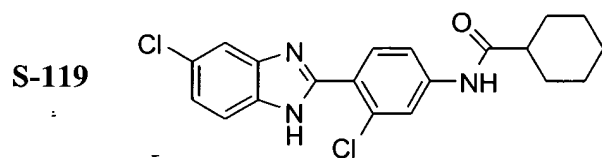
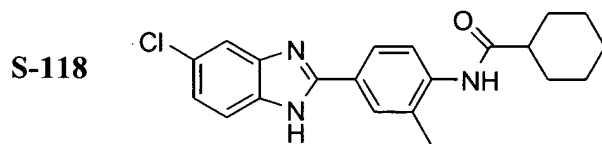
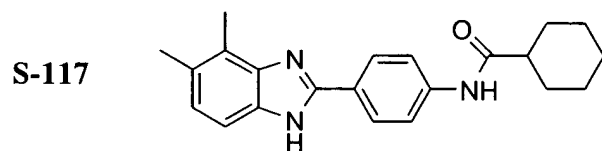
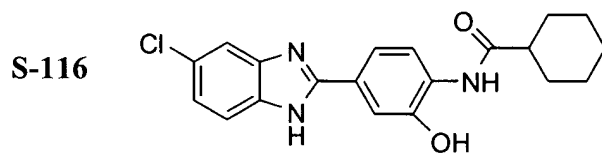
10. (Original) The method of Claim 9, wherein method for the treatment of cancer comprises administering a formulation comprising at least one compound selected from the group consisting of

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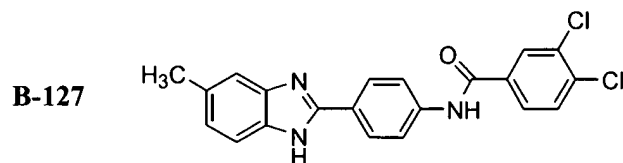
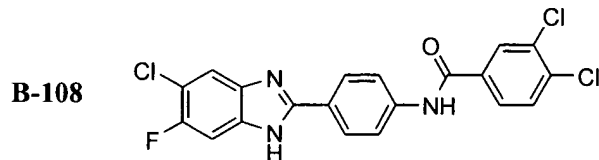
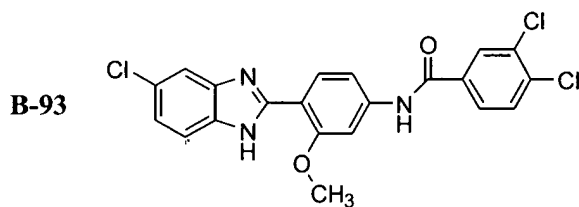
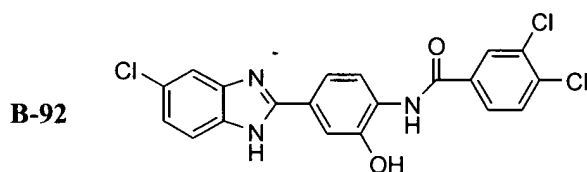
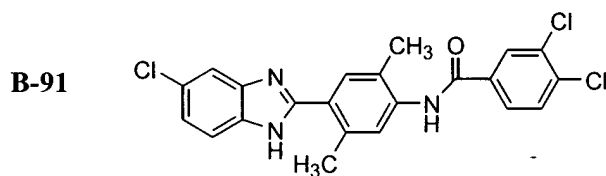
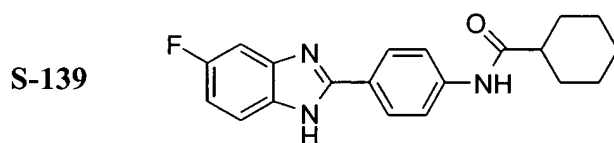
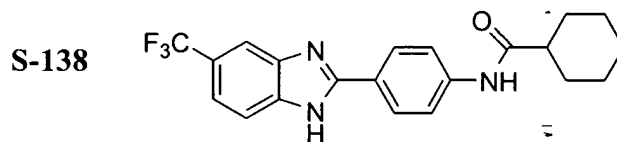
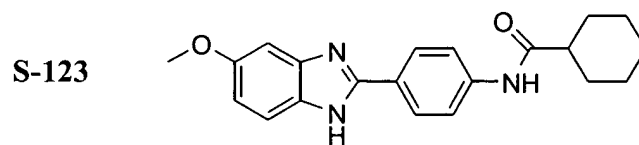




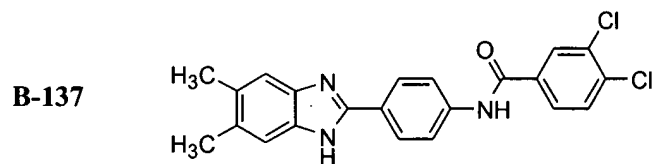
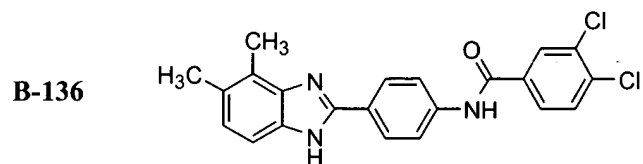
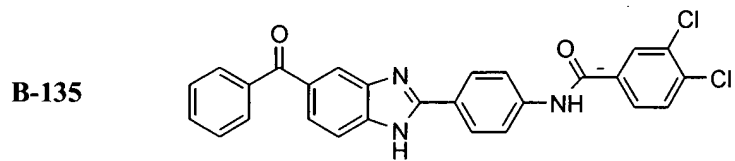
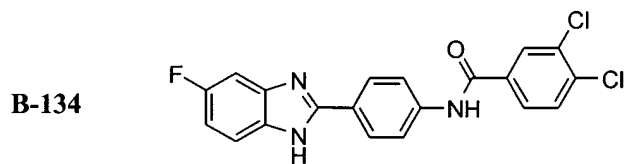
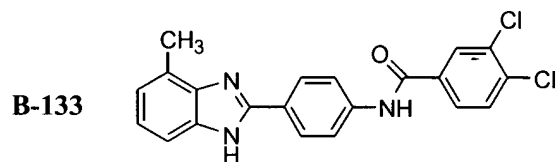
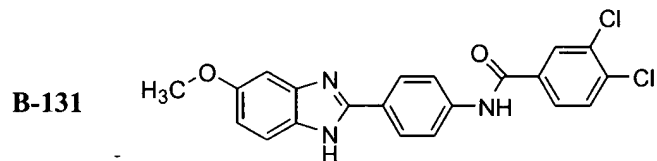
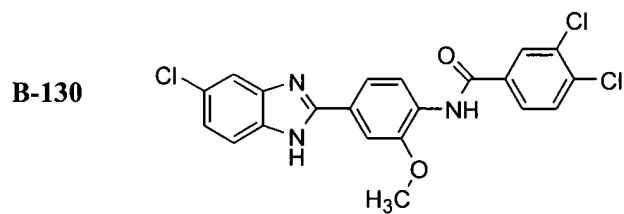
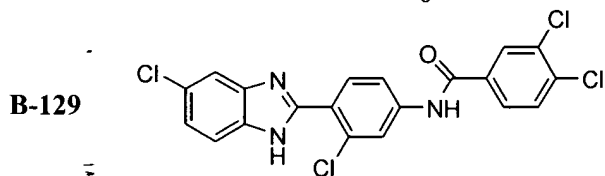
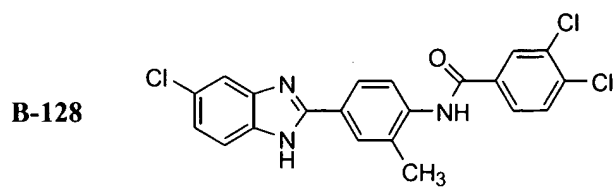
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Int'l Filing Date : March 6, 2003



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Int'l Filing Date : March 6, 2003



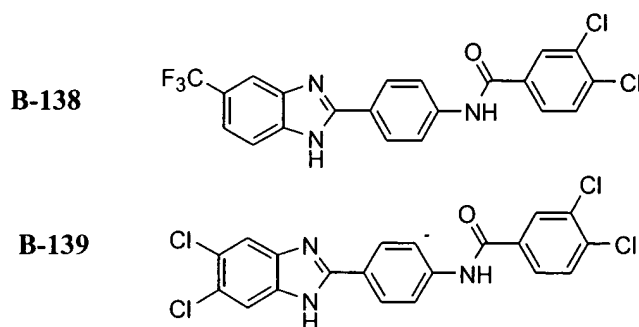
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11. (Currently amended) The method ~~as in any one of the preceding claims according to Claims 1, 3, 5, 7, or 9,~~ in which the method further comprises administering at least one additional ingredient which is active in reducing at least one symptom associated with said cellular proliferation.

12. (Original) The method according to Claim 11, wherein said at least one additional ingredient is selected from the group consisting of antifungals, antivirals, antibiotics, anti-inflammatories, and anticancer agents.

13. (Original) The method according to Claim 11, wherein said at least one additional ingredient is selected from the group consisting of alkylating agent, antimetabolite, DNA cutter, topoisomerase I poison, topoisomerase II poison, DNA binder, and spindle poison.

14. (Currently amended) The method ~~as in any one of the preceding claims according to Claims 1, 3, 5, 7, or 9,~~ wherein said administering a formulation comprises providing to said mammal a dose of about 0.01 mg to about 100 mg per kg body weight per day.

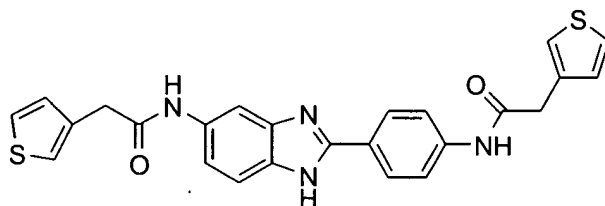
15. (Original) The method according to Claim 14, wherein said dose is administered in divided doses at regular periodic intervals.

16. (Original) The method according to Claim 15, wherein said regular periodic intervals occur daily.

Claims 17-30 (Cancelled)

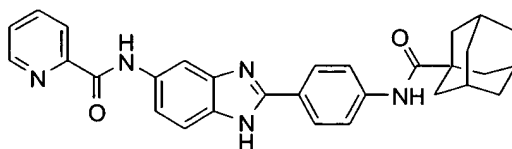
31. (New) The method of Claim 1, wherein the compound is

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**S-6**

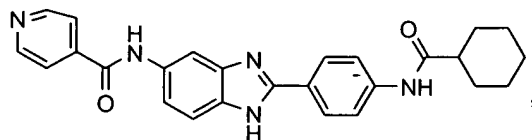
32. (New) The method of Claim 1, wherein the compound is



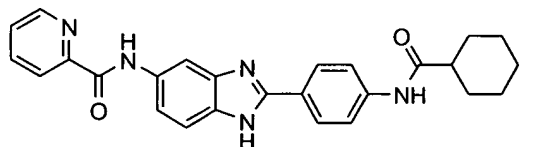
**E-13619**

33. (New) The method of Claim 1, wherein the compound is selected from the group consisting of

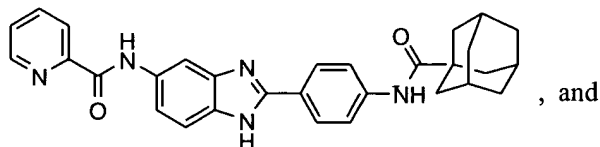
**E-13603**



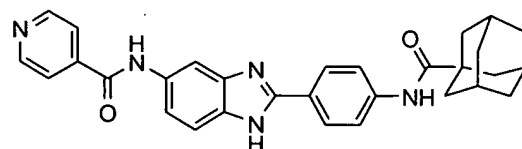
**E-13604**



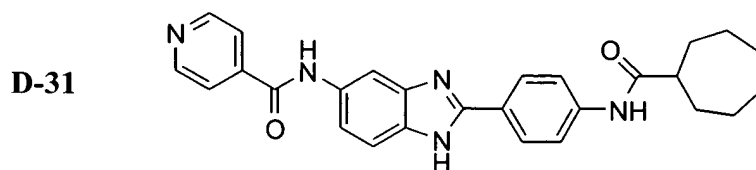
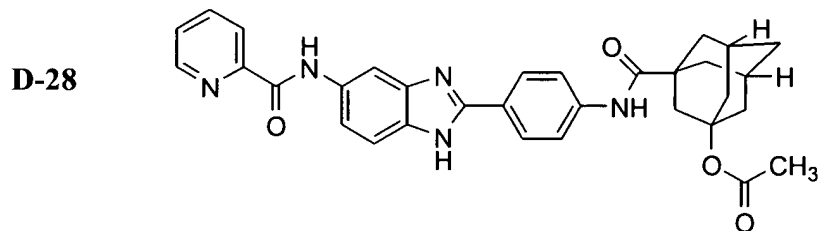
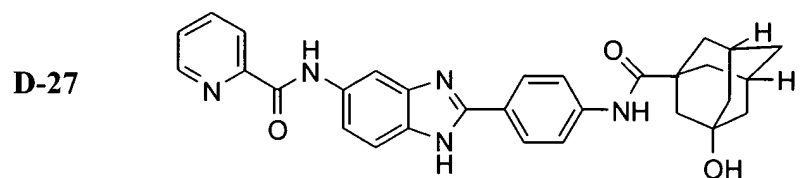
**E-13619**



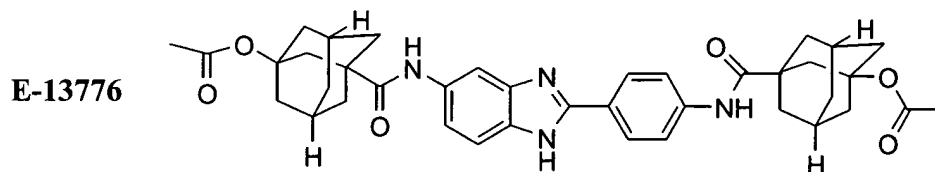
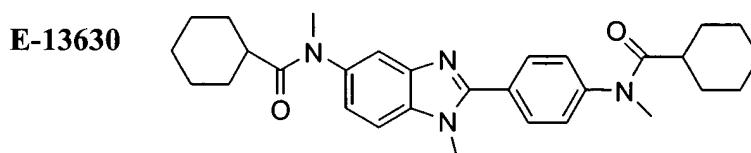
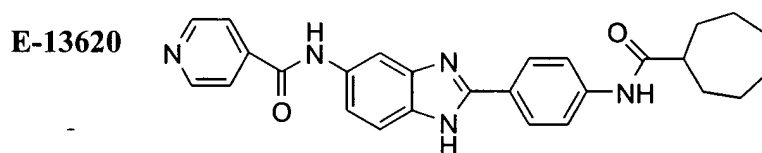
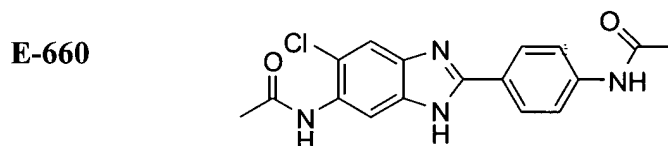
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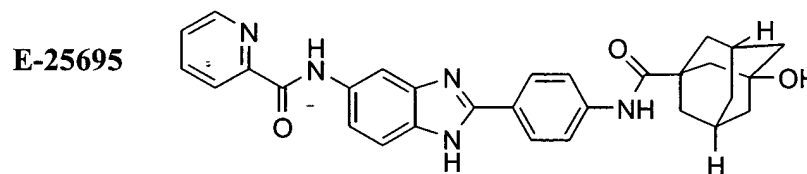
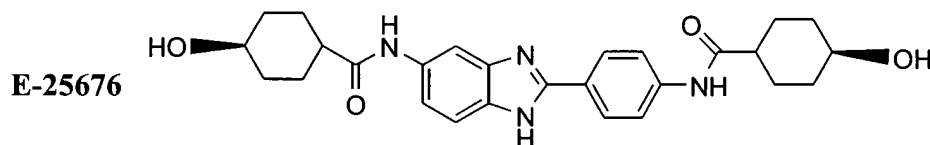
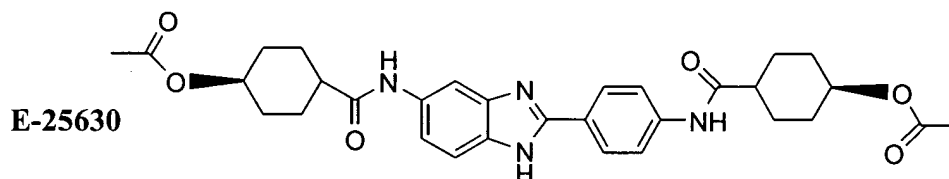
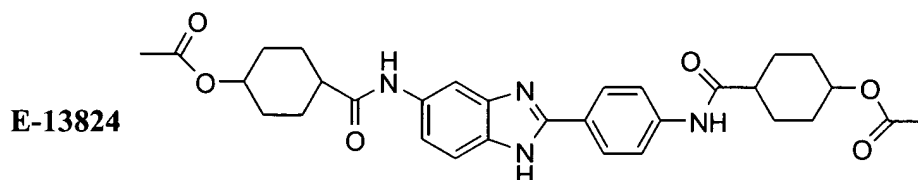
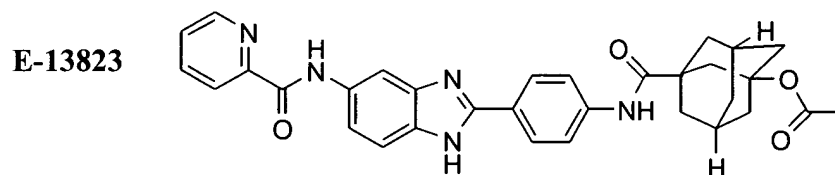


34. (New) A composition comprising a compound selected from the group consisting of

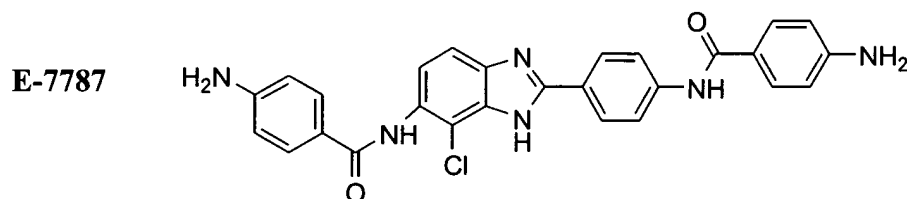
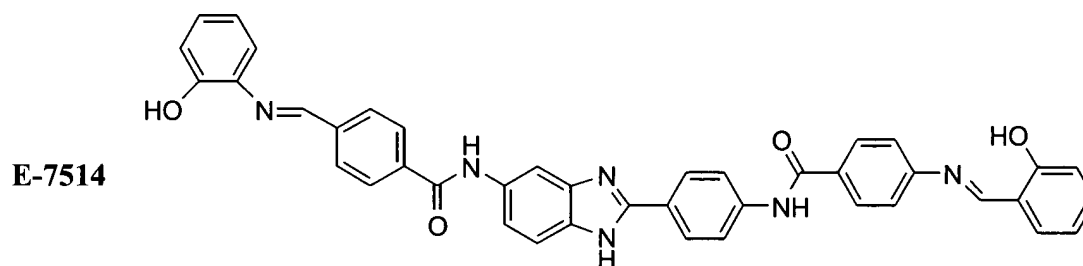


35. (New) A composition comprising a compound selected from the group consisting of



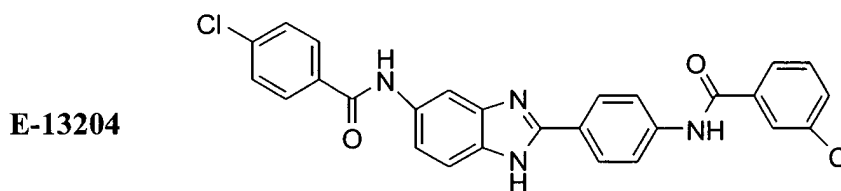
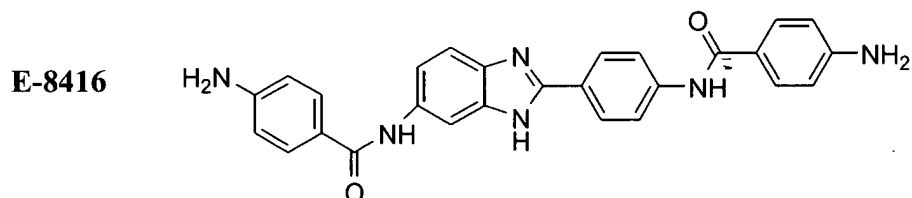
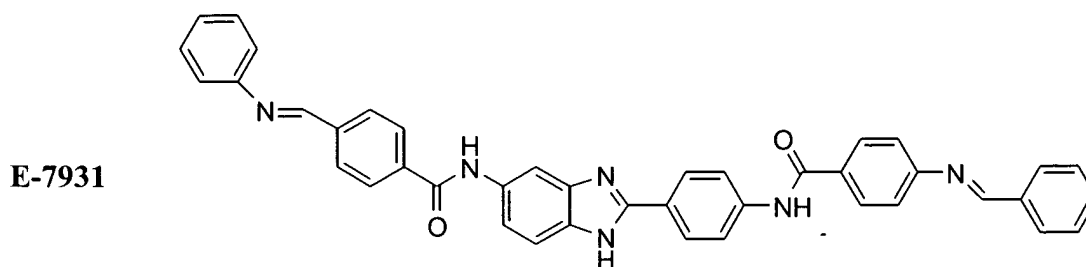


36. (New) A composition comprising a compound selected from the group consisting of

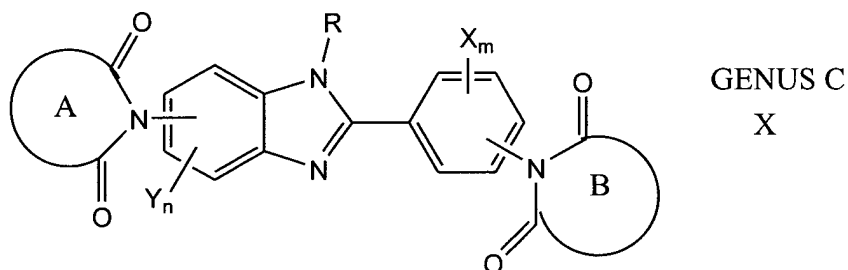


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37. (New) A composition comprising at least one compound of a pharmaceutical composition of the formulae:



wherein:

X and Y may be different or the same and are independently selected from the group consisting of H, halogen, alkyl, alkoxy, aryl, substituted aryl, hydroxy, amino, alkylamino, cycloalkyl, morpholine, thiomorpholine, nitro, cyano, CF<sub>3</sub>, OCF<sub>3</sub>, COR<sub>1</sub>, COOR<sub>1</sub>, CONH<sub>2</sub>, CONHR<sub>1</sub>, and NHCOR<sub>1</sub>;

n is an integer from one to four;

m is an integer from one to four;

R is selected from the group consisting of H, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, C<sub>3</sub>H<sub>7</sub>, C<sub>4</sub>H<sub>9</sub>, CH<sub>2</sub>Ph, CH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>-F(p-), COCH<sub>3</sub>, COCH<sub>2</sub>CH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>, and CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>; and

A and B rings independently comprise unsubstituted or substituted carbon atoms ranging from four carbon atoms to ten carbon atoms.

Int'l Appl. No. : PCT/US03/06981  
Int'l Filing Date : March 6, 2003

38. (New) The composition of Claim 37, wherein the composition comprises a compound selected from the group consisting of

